

Vol. VI. No. 1.

June, 1912.

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Bulletin of the  
**College of  
William and Mary**  
Williamsburg, Virginia

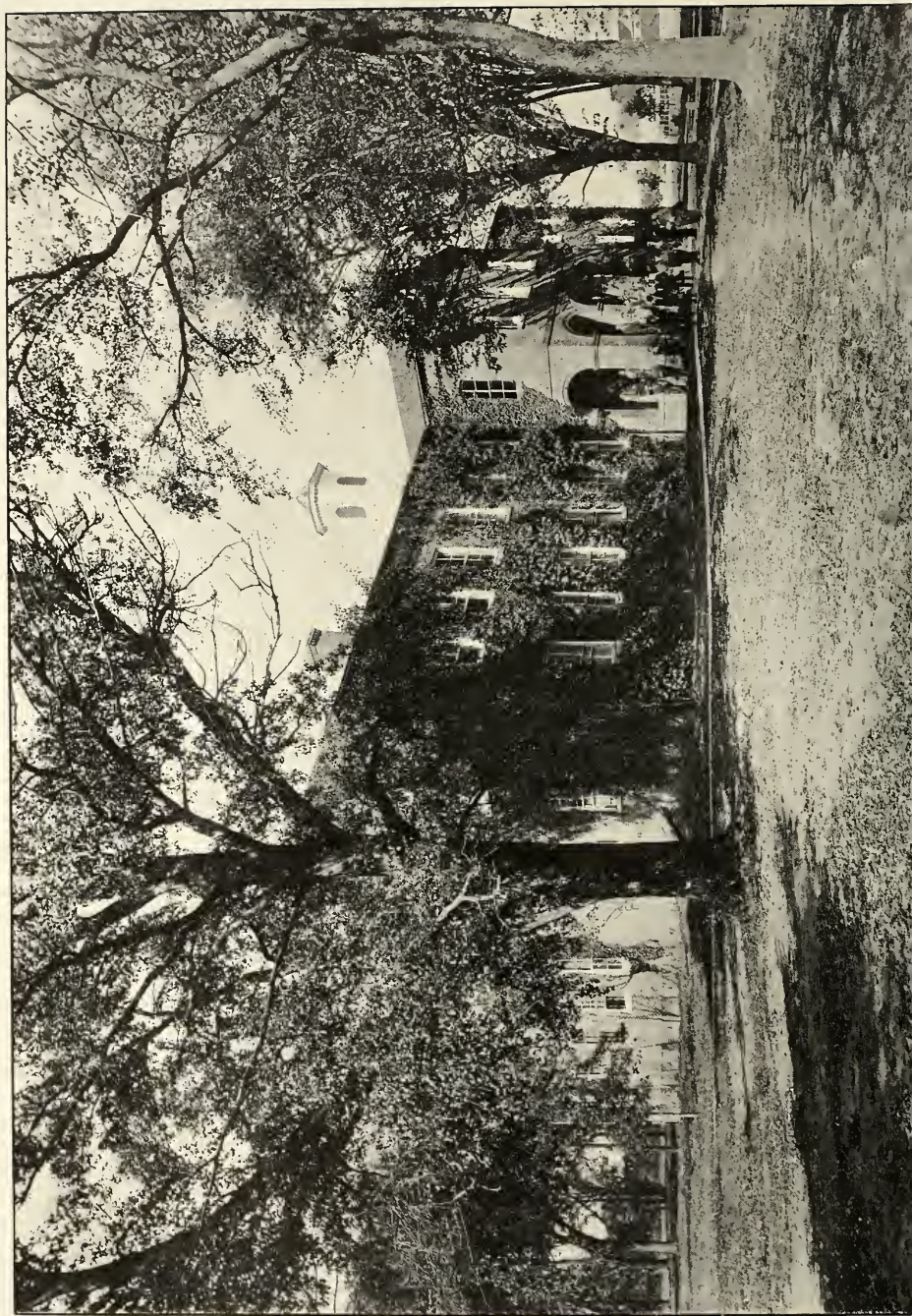


Catalogue for the Session of 1911-1912.

Announcement for Session 1912-13.










Catalogue of the  
**College of  
William and Mary**  
Williamsburg, Virginia



Session of 1911-1912.  
Announcement for Session 1912-13.

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## Calendar of Exercises and Holidays, 1912-1913

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Beginning of the Two Hundred and Nineteenth Session,

Thursday, September 19th.

Formal Opening Exercises .....Monday, September 23rd.

Thanksgiving Day .....Thursday, November 28th.

Christmas Vacation .....Begins 1 P. M. Saturday December 21st.

Exercises Resumed .....Thursday 8:45 A. M., January 2nd.

Birthday of General Lee.....Sunday, January 19th.

Intermediate Examinations,

Tuesday, January 21st to Friday, January 31st.

Beginning of Second Term.....Saturday, February 1st.

Birthday of General Washington.....Saturday, February 22nd.

Jamestown Day..... Tuesday, May 13th.

Final Examinations.....Wednesday, May 28th, Saturday June 7th.

Baccalaureate Sermon .....Sunday. June 8th.

Final Celebrations of the Literary Societies.....June 9th-10th.

Alumni Day.....Wednesday, June 11th.

Closing Exercises of the Session.....Thursday, June 12th.



# PART I.

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OFFICERS AND STUDENTS

HOLDERS OF SCHOLARSHIPS

DEGREES CONFERRED, 1910-1911.

HISTORY

GROUNDS AND BUILDINGS

## Board of Visitors.

---

The Rector of the College,  
ROBERT MORTON HUGHES.

The Visitors of the College,  
To July 1, 1912.

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HON. JAMES NEW STUBBS, Vice-Rector,  
Woods X-Roads, Gloucester County, Virginia.

HON. WILLIAM MUNFORD ELLIS,  
Shawsville, Montgomery County, Virginia.

HON. JOSEPH HOWARD CHITWOOD,  
Roanoke, Virginia.

HON. JAMES ROBERT JORDAN,  
Smithfield, Virginia.

WILLIAM CHURCHILL LYONS TALIAFERRO, Esq.,  
Hampton, Virginia.

To July 1, 1914.

ROBERT MORTON HUGHES, Esq.,  
Norfolk, Virginia.

HON. THOMAS H. BARNES,  
Suffolk, Virginia.

ISAAC PATRICK KANE,  
Gate City, Virginia.

**HON. MANLY HOWELL BARNES,**  
New Kent, Virginia.

**JOSEPH METTAUER HURT, Esq.,**  
Blackstone, Virginia.

**The State Superintendent of Public Instruction,**  
**HON. JOSEPH D. EGGLESTON, Jr., ex-officio,**  
Richmond, Virginia.

**The Secretary of the Visitors,**  
**LEVIN WINDER LANE, Jr.,**  
Williamsburg, Virginia.

## Officers of Instruction and Administration.

---

PRESIDENT AND MASTERS, OR PROFESSORS,

1911-1912.

LYON GARDINER TYLER, M. A., LL. D.,

President.

JOHN LESSLIE HALL, Ph. D.,

Dean of the Faculty.

---

LYON GARDINER TYLER, M. A., LL. D.,

Professor of Politics and Economics.

JOHN LESSLIE HALL, Ph. D.,

Professor of the English Language and Literature.

THOMAS JEFFERSON STUBBS, A. M., Ph. D.,

Professor of Mathematics.

VAN FRANKLIN GARRETT, A. M., M. D.,

Professor of Chemistry.

JOHN WOODSIDE RITCHIE, A. B.,

Professor of Biology.

RICHARD McLEOD CRAWFORD, A. M.,

Professor of Drawing and Manual Arts.

**WALTER ALEXANDER MONTGOMERY, A. B., Ph. D.,**  
Professor of Latin and Greek.

**HENRY EASTMAN BENNETT, A. B.,**  
Professor of Philosophy and Education and Supervisor of the  
Observation and Training School.

**WILLIAM HOUSTON KEEBLE, B. S.,**  
Professor of Physics.

**JAMES SOUTHALL WILSON, M. A., Ph. D.,**  
Professor of History and Associate Professor of the English  
Language and Literature.

**JOHN CALDWELL CALHOUN, M. A., D. LIT., LL. D.,**  
Professor of Modern Languages.

---

**GEORGE OSCAR FERGUSON, Jr., M. A.,**  
Adjunct Professor of Education and Philosophy and Principal  
of the Normal Academy.

**JOHN TYLER, A. M.,**  
Adjunct Professor of Mathematics.

**WILLIAM JAMES YOUNG, M. D.,**  
College Physician, Director of Athletics and Physical Training.

**AMOS RALPH KOONTZ,**  
Assistant in Biology.

**NANNIE CARRINGTON DAVIS,**  
Assistant in Education and Principal of the Observation and  
Training School.



**CHARLES CHAPMAN SNOW,**  
Laboratory Assistant in Chemistry.

**WILLIAM HARRY NEBLETT,**  
Laboratory Assistant in Physics.

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### **Officers of Administration.**

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**LYON GARDINER TYLER, M. A., LL. D.,**  
President of the College.

**JOHN LESSLIE HALL, Ph. D.,**  
Dean of the College.

**HERBERT LEE BRIDGES, A. B.,**  
Registrar of the College and Secretary to the Faculty.

**EMILY PRYOR CHRISTIAN,**  
Librarian and Secretary of the College.

**LEVIN WINDER LANE, Jr.,**  
Treasurer of the College and Secretary to the Board of Visitors.

**MARY ANNE MORECOCK,**  
Secretary to the President.

## Observation and Training School.

MATTEY'S FREE SCHOOL,\*

1911-1912.

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HENRY EASTMAN BENNETT.

Supervisor.

NANNIE CARRINGTON DAVIS

Principal.

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### Assistants.

LAURA MOOR STILLWELL,

MARY HENLEY SPENCER,

MARGARET ELLEN BARNES,

GRACE ISABEL BEALE.

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\* By the terms of Mrs. Mary Whaley's will, dated 16th February 1741-'42, the church wardens and vestry of Bruton Parish were given £50 and the residue of her estate in England, after payment of legacies, to maintain the "free school" in Bruton Parish, established by her about 1706, in honor of her little son, Matthew Whaley, or "Mattey," as she called him.

## **Administrative Committees of the Faculty.**

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The President is "Ex-officio" Chairman of all Committees.

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I. Entrance Examinations and Student Supervision,  
PROFESSORS RITCHIE, WILSON, KEEBLE, STUBBS,  
FERGUSON.

II. Student Activities,  
PROFESSORS KEEBLE, WILSON, CRAWFORD.

III. Public Activities and Publicity,  
PROFESSORS MONTGOMERY, GARRETT, RITCHIE.

IV. Schedule, Curriculum and Degrees,  
PROFESSORS HALL, KEEBLE, MONTGOMERY.

V. Library,  
PROFESSORS BENNETT, CALHOUN, WILSON.

VI. Recommendations and Self-Help.  
PROFESSORS GARRETT, BENNETT, RITCHIE.

VII. Normal Academy,  
PROFESSORS WILSON, BENNETT, FERGUSON.

## Holder of Scholarships.

1911-1912.

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William Barton Rogers Scholarship in the Massachusetts Institute of Technology .....	John Compton Freeman
Cocoran Scholarship .....	Charles Rutherford Bagley
Chancellor Scholarship .....	John Edgar Pool
Graves Scholarship .....	Abraham Brodowsky
Bennett Scholarship .....	John Halpin Wright
Soutter Scholarship .....	Alan Fred English

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## Degrees Conferred.

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June, 1911.

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### MASTER OF ARTS.

Koontz, Amos Ralph, Marksville, Va. ,  
Fletcher, Howell Harris, Dot, Va.

### BACHELORS OF ARTS.

Agee, Kenneth Arnold, Hilton's, Va.  
Capps, John Edgar, Princess Anne, Va.  
Graves, Frank Erskin, Marksville, Va.  
Howe, Arthur Sylvester, Groveton, N. H.  
Newton, Blake Tyler, Hague, Va.  
Trimble, Harry Evans, Hampton, Va.

### BACHELORS OF SCIENCE.

Fletcher, Howell Harris, Dot, Va.  
Graves, Frank Erskin, Marksville, Va.  
Thoms, Alvin Lewis, Egg Harbor City, N. J.  
Warner, Selden Richard, Dunnsville, Va.

**TEACHER'S DIPLOMA.**

Agee, Kenneth Arnold, Hilton's, Va.  
Blackwell, Herbert Hatchett, Kenbridge, Va.  
Graves, Frank Erskin, Marksville, Va.  
Leatherbury, Alfred Parker, Machipongo, Va.  
Montgomery, Samuel Joseph, Lacross, Va.  
Prillaman, Rufus Alkanah, Callaway, Va.  
Warburton, Robert Clarence, Hotwater, Va.



## Register of College Students.

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1911-1912.

Addison, William Strange.....	Eastville, Northampton Co., Va.
Alfriend, William Jeffery.....	Norfolk, Va.
Armistead, Meriwether Irving.....	Williamsburg, Va.
Barrow, Theophilus, Jr.....	Smithfield, Isle of Wight Co., Va.
Beale, Alvin Francis.....	Portsmouth, Va.
Bishop, Joseph Mosby.....	Duffield, Scott Co., Va.
Blitzer, Max.....	Brooklyn, N. Y.
Borkey, Andrew Verbin.....	Bowling Green, Carolina Co., Va.
Brodowsky, Abraham Alexander.....	Brooklyn, N. Y.
Brooks, Gardiner Tyler.....	Williamsburg, Va.
Brown, Wade Thomas.....	Culpeper, Va.
Carter, Harry Lee.....	R. F. D. No. 1, Danville, Va.
Cato, John Henry, Jr.....	Emporia, Greensville Co., Va.
Charles, Benton Crooks.....	Dare, York Co., Va.
Clements, James David.....	Ordinary, Gloucester Co., Va.
Cogbill, William Tilghman.....	Chesterfield, Va.
Cooke, Francis West.....	Gloucester, Va.
Cooper, Alvin Carl.....	Lovittsville, Loudoun Co., Va.
Cox, Reginald Francis.....	Alexandria, Va.
Crouch, Richard Judson.....	Crouch, King and Queen Co., Va.
Day, Emile .....	Red Bank, N. J.
Deal, Roy Chetwood.....	Norfolk, Va.
Deel, William Oscar.....	Dante, Dickenson Co., Va.
Deierhoi, William Hansen.....	Highland Springs, Henrico Co., Va.
Derfingier, John Wesley.....	R. F. D. 1, Front Royal, Va.
Dix, Charles Cary.....	R. F. D., Cape Charles, Va.
Dold, William Elliott, Jr.,.....	"River Crest," Astoria, L. I. N. Y.
Doty, William Kavanaugh.....	Richmond, Ky.
Drewry, William Leslie.....	Wakefield, Sussex Co., Va.
Duke, William James.....	Tappahannock, Essex Co., Va.
Emery, Victor E. G.,.....	Kinsman, Ohio
English, Alan Fred.....	Shamokin, Pa.

Ewell, Robert Douglass.....	Babylon, N. Y.
Galt, John Meares.....	Williamsburg, Va.
Games, Lemuel Francis.....	Norfolk, Va.
Garland, Andrew Leckie.....	Warsaw, Richmond Co., Va.
Geddy, Thomas Henley, Jr.....	Williamsburg, Va.
Geoghegan, Preston Lewis.....	Chase City, Va.
Gillions, David Lionel.....	Cowart, Northumberland Co., Va.
Goodwin, Frederick Deane.....	Ashland, Va.
Graves, Levert Powell.....	Fredericksburg, Va.
Griggs, Douglas Meriwether.....	Big Island, Bedford Co., Va.
Hall, Joseph Farland.....	Williamsburg, Va.
Hamlin, Charles Hemten.....	R. F. D. 1, Burkeville, Va.
Harris, Herman Lee.....	Coeburn, Wise Co., Va.
Harrison, William Mortimer.....	Shirley, Charles City Co., Va.
Healy, John Hilliard.....	Churchview, Middlesex Co., Va.
Holler, Carl Wise.....	Terre Haute, Ind.
Hoover, Lawrence Hiter.....	Williamsburg, Va.
Horne, John Robert.....	Sugar Grove, Smyth Co., Va.
Hubbard, Sam Hildreth.....	Forest Depot, Bedford Co., Va.
Hurdle, John Harris.....	Reidsville, N. C.
Jackson, Robert Bruce.....	Keswick, Albemarle Co., Va.
James, Arthur Wilson.....	Bedford City, Va.
Jennings, Clarence.....	Hickory, Norfolk Co., Va.
Jones, Hugh Howard.....	Williamsburg, Va.
Jones, Lewis.....	Urbanna, Middlesex Co., Va.
Keffer, S. B.....	New Port, Craig Co., Va.
Leach, Edgar Alutus.....	Chase City, Va.
Lee, William Byrd, Jr.....	Gloucester, Va.
Lewis, Henry Martin.....	Naola, Amherst Co., Va.
McAllister, James Rowan.....	Norfolk, Va.
Marrow, Harry Franklin.....	Hampton, Va.
Mason, John Young.....	Masons, Sussex Co., Va.
Meredith, Raymond Glenn.....	Norfolk, Va.
Metcalf, Wayne Carr.....	Williamsburg, Va.
Mitchell, Frank Mazych.....	Norfolk, Va.
Moore, John Dameron.....	R. F. D. 2, Portsmouth, Va.
Neale, Thomas Sherman.....	Heathsville, Northumberland Co., Va.
Neblett, William Hayney.....	Kinderwood, Lunenburg Co., Va.
Nourse, Walter Burton.....	Casanova, Fauquier Co., Va.
Parker, Henry Godwin.....	Portsmouth, Va.

Parker, William Leroy.....	Portsmouth, Va.
Peachy, Bathust Dangerfield.....	Williamsburg, Va.
Presson, John Morris.....	Harpersville, Warwick Co., Va.
Prutzman, George Joe.....	Beaumont, Texas
Renick, Charlie Clark.....	Callaway, Franklin Co., Va.
Richardson, Cameron Gregg.....	Portsmouth, Va.
Rowe, Thomas Jefferson.....	Hampton, Va.
Scheie, Leif Ericson.....	Williamsburg, Va.
Schepmoes, Charles Harmon.....	Dendron, Surry Co., Va.
Smith, Charles Henry.....	Oldhams, Westmoreland Co., Va.
Smith, Robert Guy .....	Urbanna, Middlesex Co., Va.
Snow, Charles Chapman....	Wicomico Ch., Westmoreland Co., Va.
Somers, Wilson Edward.....	Bloxom, Accomac Co., Va.
Stanley, Isaac Jones.....	Mayberry, Carroll Co., Va.
Stephens, Joseph William G....	Wicomico Ch., Westmoreland Co., Va.
Summers, James Herman.....	Round Hill, Loudoun Co., Va.
Taylor, John Eldredge.....	Chase City, Va.
Taylor, Preston Philips.....	Urbanna, Middlesex Co., Va.
Thomas, Earl Baldwin.....	Brooklyn, N. Y.
Tilley, Thomas Chapman.....	Norfolk, Va.
Tucker, John Lewis.....	Merry Mount, N. C.
Turner, Henry Atwill.....	Lynchburg, Va.
Vaden, Herbert Wentworth.....	Elba, Pittsylvania Co., Va.
Walker, Robert Henry.....	Stevensville, King and Queen Co., Va.
Warburton, Robert Clarence.....	Hot Water, James City Co., Va.
Watts, Cecil Everett.....	Saluda, Middlesex Co., Va.
Wilkinson, Thomas Eppa.....	Olo, Lunenburg Co., Va.
Willcox, Edward Roane.....	Norfolk, Va.
Winsbro, William.....	R. F. D. 1, Front Royal, Va.
Witchley, Percy Lewis.....	Camden, N. Y.
Woltz, Charles Roderick.....	Eagle Rock, Botetourt Co., Va.
Womack, Hugh Leonard.....	Vernon Hill, Halifax Co., Va.
Woodson, Wilbert Tucker.....	Crozet, Albemarle Co., Va.
Wright, Ernest Linwood.....	Tappahannock, Essex Co., Va.
Wright, John Halpin.....	R. F. D. 4, Richmond, Va.

## Register of Academy Students.

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1911-1912.

Addison, Edward.....	Eastville, Northampton Co., Va.
Agee, James Lawrence, Jr.....	Teddy, Scott Co., Va.
Bane, Edward.....	R. F. D. 2, Roanoke, Va.
Barnes, James Foster.....	Amelia, Va.
Batten, Gilmer Randolph.....	London Bridge, Norfolk Co., Va.
Booth, George Wythe.....	Middletown, Frederick Co., Va.
Boooth, Roy Piruus.....	Middletown, Frederick Co., Va.
Bright, Norman Paul.....	New Egypt, N. J.
Brinkley, Henry William.....	Cypress Chapel, Nansemond Co., Va.
Brown, Virginius Faunt Le Roy.....	Novum, Madison Co., Va.
Brown, Harry McChesney.....	Leesburg, Loudoun Co., Va.
Bunting, John W.....	Odd, York Co., Va.
Burch, Robert Eugene.....	Samos, Middlesex Co., Va.
Campbell, Hugh Alexander Jr....	Mulberry Island, Warwick Co., Va.
Carmines, Daniel Henry.....	Odd, York Co., Va.
Clary, Hugh Valentine.....	Newville, Prince George Co., Va.
Clary, Roane Alexander.....	Newville, Prince George Co., Va.
Clothier, Archie.....	Leesburg, Loudoun Co., Va.
Crockett, Cecil Clinton.....	Waterview, Middlesex Co., Va.
Elcan, Paul Barringer.....	Sheppards, Buckingham Co., Va.
Ellis, Gardiner Tyler.....	Shawsville, Montgomery Co., Va.
Fisher, Howard Henry.....	Freeman, Brunswick Co., Va.
Foran, Ross J., .....	Susquehannah, Pa.
Frey, Oliver Walter.....	Allentown, Pa.
Garth, Bernard Allen.....	Ivy Depot, Albemarle Co., Va.
Gilliam, Maxie Parker.....	Crittenden, Nansemond Co., Va.
Givens, Emmett Edmonson.....	Newport, Giles Co., Va.
Givens, Lester Ross.....	Sinking Creek, Craig Co., Va.
Graves, Cecil Conrad.....	Marksville, Page Co., Va.
Greenawalt, Cyrus Markle.....	Winchester, Va.
Grimsley, William Morgan.....	Van Dyke, Buchanan Co., Va.
Hathaway, Clarence Percival.....	Willow, N. C.
Hynson, John L. ....	Manassas, Va.
Ingle, John Preston.....	Flatwoods, Wise Co., Va.
Jackson, Douglas Cary.....	Keswick, Albemarle Co., Va.
Jenkins, Floyd Franklin.....	Carrsville Isle of Wight Co., Va.
Jones, James Earley.....	New Glasgow, Amherst Co., Va.
Lackey, Harry Howard.....	Lackey, York Co., Va.

Lester, Walter Calahill.....	Stuart, Patrick Co., Va.
Lewis, Malachi Ruben.....	Naola, Amherst Co., Va.
Lloyd, McPayne.....	Norfolk, Va.
Lohr, Durward Preston.....	Brightwood, Madison Co., Va.
Lowenback, Maurice Roller.....	Leesburg, Loudoun Co., Va.
Lupton, Thomas Allen.....	Bedford City, Va.
Maddox, Arthur Lee .....	Naruna, Campbell Co., Va.
Maffette, Raymond .....	Leesburg, Loudoun Co., Va.
Martin, William Earl.....	Stanley, Page Co., Va.
Martin, Talmage.....	Providence Forge, New Kent Co., Va.
Mayer, Charles Leonard.....	Norfolk, Va.
Moore, Robert William.....	Wyliesburg, Charlotte Co., Va.
Newman, G. A. ....	Blackstone, Va.
Newton, Robert Murphy.....	Hague, Westmoreland Co., Va.
Patteson, James Monroe.....	Manteo, Buckingham Co., Va.
Phlegar, Robert Judson.....	Pizarro, Floyd Co., Va.
Powers, Harry Whitfield.....	Northwest, Norfolk Co., Va.
Powers, Willie Andrew.....	Northwest, Norfolk Co., Va.
Prillaman, Henry Andrew.....	Callaway, Franklin Co., Va.
Ramey, William Barlow.....	Clinch, Scott Co., Va.
Roberts, Lionel Wynne.....	Williamsburg, Va.
Savage, Leonard M., .....	Modesttown, Accomac Co., Va.
Sawyer, William Lee.....	Belroi, Gloucester Co., Va.
Scott, Charles Alexander.....	Brookneal, Campbell Co., Va.
Scott, Stuart Donald.....	Monroe, Amherst Co., Va.
Shiers, Winfield.....	Lawrence, Mass.
Soles, Vernon Coles.....	Soles, Mathews Co., Va.
Spencer, Dangerfield Blair.....	Williamsburg, Va.
Spence, Sidney Raleigh.....	Tangier, Accomac Co., Va.
Stone, Webster Thompson .....	Ordsburg, Brunswick Co., Va.
Wailes, Henry Caperton.....	Sweet Briar, Amherst Co., Va.
Walton, Leon Jerl.....	Pendletons, Louisa Co., Va.
Walton, Francis .....	Williamsburg, Va.
West, Willie Clyde.....	Vesta, Patrick Co., Va.
Whitehead, Winton Major.....	Chesapeake, Northampton Co., Va.
Williams, Harvey Page .....	Brookneal, Campbell Co., Va.
Wilson Paul Arlington.....	Newport News, Va.
Wood, Basil Manly.....	Fentress, Norfolk Co., Va.
Zehmer, George Baskerville.....	McKenney, Dinwiddie Co., Va.
Number of Students in the College.....	107
Number of Students in the Academy.....	77
Pupils in the Model School.....	106
Total Roster .....	290



## College Students by Classes.

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### CANDIDATE FOR MASTER'S DEGREE

Frederick Deane Goodwin.

#### Class of 1912.

Brown, Wade Thomas	Mason, John Young
Deierhoi, William Hansen	Moore, John Dameron
Doty, William Kavanaugh	Neblett William Hayney
English, Alan Fred	Snow, Charles Chapman
Geddy, Thomas Henley	Summers, James Herman
Hall, Joseph Farland	Willcox, Edward Roane
Jackson, Robert Bruce	

#### Class of 1913.

Clements, James David	Vaden, Herbert Wentworth
Harrison, William Mortimer	Warburton, Robert Clarence
James, Arthur Wilson	Witchley, Percy Lewis
Lee, William Byrd	Womack, Hugh Leonard
Schepmoes, Charles Harmon	Wright, John Halpin
Thomas, Earl Baldwin	

#### Class of 1914.

Alfriend, William Jeffery	Hubbard, Sam Hildreth
Barrow, Theophilus	Leach, Edgar Alutus
Blitzer, Max	Metcalf, Wayne Carr
Brodowsky, Abraham Alexander	Neale, Thomas Sherman
Carter, Harry Lee	Nourse, Walter Burton
Cato, John Henry	Parker, Henry Goodwin
Deal, Roy Chetwood	Parker, William Leroy
Deel, William Oscar	Rowe, Thomas Jefferson
Dold, William Elliott	Scheie, Leif Ericson
Drewry, Walter Leslie	Stanley, Isaac Jones
Galt, John Mears	Taylor, John Eldredge
Games, Lemuel Francis	Tucker, John Lewis
Hamlin, Charles Hemten	Turner, Henry Atwill
Holler, Carl Wise	Winsbro, William.
Hoover, Lawrence Hiter	


## Class of 1915.

Addison, William Strange	Hurdle, John Harris
Armistead, Meriwether Irving	Jennings, Clarence
Beale, Alvin Francis	Jones, Lewis
Bishop, Joseph Mosby	Jones, Hugh Howard
Borkey, Andrew Verbin	Keffer, S. B.
Brooks, Gardiner Tyler	Lewis, Henry Martin
Charles, Benton Crooks	Marrow, Harry Franklin
Cogbill, William Tilghman	Meredith, Raymond Glenn
Cooke, Francis West	Mitchell, Frank Mazzych
Cooper, Alvin Carl	McAllister, James Rowan
Cox, Reginald Francis	Peachy, Bathurst Dangerfield
Crouch, Richard Judson	Presson, John Morris
Day, Emile	Prutzman, George Joe
Derflinger, John Wesley	Renick, Charlie Clark
Dix, Charles Cary	Smith, Charles Henry
Duke, William James	Smith, Robert Guy
Emery, Victor E. G.	Somers, Wilson Edward
Ewell, Robert Douglass	Stephens, Joseph William
Garland, Andrew Leckie	Taylor, Preston Philips
Geoghegan, Preston Lewis	Tilley, Thomas Chapman
Gillions, David Lionel	Walker, Robert Henry
Graves, Levert Powell	Watts, Cecil Everett
Griggs Douglas Meriwether	Wilkinson, Thomas Eppa
Harris, Herman Lee	Woltz, Charles Roderick
Healy, John Hilliard	Woodson, Wilbert Tucker
Horne, John Robert	Wright, Ernest Linwood

\* Richardson, Cameron Gregg,  
(Unclassified)

## History.

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WEET remembrances of an Old World and a New breathe about the very campus of the College of William and Mary. Chartered in 1693 by an English king and queen, and bearing their names, the college, fostered by royalty and the care of the Bishop of London, soon became associated with all the activities of early Virginia. Its dormitories bear the name of the English estate of the Brafferton in Yorkshire, on the one hand, and on the other the names of Virginia's distinguished sons, Ewell and Taliaferro. The president's house, accidentally destroyed by fire, was restored at the private cost of a king of France, and the statue of the popular royal governor, Lord Botetourt, still stands on a campus made sacred by the footsteps of the patriots, Washington, Jefferson, Marshall and Monroe.

The college lived on with a fair degree of success under its first president, Dr. James Blair, until October 29, 1705, when it was unfortunately burned. The work of teaching went forward in spite of this disaster, and in 1711, the college had been rebuilt upon the old walls; with the addition in 1723 of the new Brafferton building, which was at first used as the Indian School. Later the south wing was added to the college building for a chapel, in 1732, and in the same year the foundation of the president's house was laid.

President Blair, by whom the college had been chiefly founded and through whose abilities it had prospered, died in 1743; and the Professor of Moral Philosophy, Dr. William Dawson, succeeded him as president. It was during President Dawson's administration that George Washington received his appointment

from the college as county surveyor for Fairfax. The next president was the historian of Virginia, William Stith, who came to the office after Dr. Dawson's death in 1752.

Through a checkered career, as full of strife as of usefulness, the college, with a faculty of seven, went on in her labors, training men for the important struggle that was to come. During this period the presidents were Rev. Thomas Dawson, 1755-61; Rev. William Yates, 1761-64; Rev. James Horrocks, 1764-71; and Rev. John Camm, 1771-1777. During this latter period, Lord Botetourt in 1771 donated a number of medals to the college, which were the first to be awarded in America as collegiate prizes. On December 5, 1776, the famous Phi Beta Kappa, the first and most distinguished of all Greek letter fraternities, was founded by students of the college.

The character of the students of this early period of William and Mary's history may be judged by the influence of its alumni upon the making of the nation: three presidents of the United States attended classes at the college: Jefferson, Monroe and Tyler; and of these, two were students before the Revolution. Fifteen governors of Virginia were from these halls, and some of the most distinguished among them, Jefferson, Benjamin Harrison, the Randolphs and John Page, were of the early days. Four signers of the Declaration of Independence; and Marshall, Blair, Bushrod Washington and Philip P. Barbour, of the Supreme Bench, swell the honor roll of those bygone days. Many as the distinguished sons of the college in later years have been, no period in its history has equaled in results the pre-Revolutionary times.

Throughout the Revolution the college continued its exercises save for a short period at the time of the Yorktown campaigns, when Williamsburg became for a while almost the center of the Revolution. The president's house suffered by fire, after having

been the headquarters of Lord Cornwallis. As it was burned during its occupation by the French, it was restored at their expense.

In 1777, Rev. James Madison was elected president, and under his energetic management the college entered upon a new era. At this time Thomas Jefferson became a member of the Board of Trustees of the college, and put into operation many of his educational ideas. The college was changed to a university, and schools of modern language and municipal law—the first of their kind in America—were introduced. A general lecture system was instituted and free election was permitted among the courses offered. The first principles of the honor system may also be discerned at this time. George Wythe, the professor of law, and James McClurg, professor of medicine, vied with President Madison in distinction. Although President Madison became the first Bishop of the Episcopal Church in Virginia, the college never resumed its connection with the denomination after the Revolution.

President Madison died in 1812, having held the presidency since his twenty-eighth year; and the college suffered another loss in the transference of Jefferson's patronage soon afterward to his projected university at Charlottesville. The first presidents who followed were, Rev. John Bracken, 1812-14; John Augustine Smith, M. D., 1814-1826; Rev. William H. Wilmer, 1826-27; Rev. Adam Empie, 1827-36, and Thomas R. Dew, 1836-46.

Under President Dew and a remarkably able Faculty, the attendance was increased to 140 in 1839, a larger number than had hitherto attended the college during any session. A brief period of internal strife was followed by a revival of strength and influence under Presidents Johns and Ewell. The presidents after Dew were Robert Saunders, 1846-7; Benjamin S. Ewell,



1848; Bishop John Johns, 1849-54, and B. S. Ewell, 1854-88. In 1859, the main building of the college was burned for the second time, and the precious contents of the library destroyed. The war brought a suspension of the work of the college in 1861, and during the civil strife the main building was destroyed by fire for the third time; not, however, as before, by accident, but at the hands of Federal soldiers.

The Federal Government reimbursed the college for this loss in 1893.

After the war, the college opened in 1865, with Colonel Benjamin S. Ewell again acting as president. An effort to remove the college to Richmond was defeated, and the burnt buildings were restored; but for financial reasons the work of the college was suspended from 1881 until 1888.

With the assistance of the State, there was a reorganization in 1888, with Lyon G. Tyler as president. A period of new life and usefulness was begun, and soon the college reached the most prosperous state in its history. In 1906, the college became strictly a State institution, operated by a board appointed by the Governor of Virginia. Since the reopening of the college several new buildings have been erected and the number of professorships increased. A gymnasium, infirmary, science hall and library were built, and the working apparatus of every department is constantly being improved. The student body itself has increased in numbers, and is more satisfactorily prepared; the standard of requirements for entrance into college work and for the attainment of degrees has been materially raised. A spirit of wholesome growth and advancement is felt throughout the entire body-corporate of the institution.

## **The Grounds and Buildings.**

The buildings of the College of William and Mary are situated upon a triangular campus, which is shaded by a beautiful grove. The total area of the campus is thirty acres, the western portion of which is utilized principally for the athletic grounds, including a large enclosed park and tennis courts.

The main college building is the largest and oldest of the buildings and most of its walls are those of the original structure of 1693. In this are the lecture rooms used by the departments of English, Mathematics, Latin, Greek and Modern Languages, Philosophy and Education, and History; and the halls of the two literary societies and the study hall. The south wing of this building is the chapel, in which are many interesting portraits and tablets erected to the memory of distinguished alumni. The north wing is used by the department of Drawing and Manual Arts.

The remainder of the lecture rooms are situated in the handsome new Science Hall, recently added to the college buildings. It is thoroughly equipped with laboratories and apparatus. The departments of Physics and Chemistry occupy the first floor. The north side, used for Chemistry, is divided into a lecture room, a laboratory, an apparatus room and a closet for tools. The Chemistry lecture room provides for seventy students; has modern folding seats with arm rests, slate blackboards, steam heat, water and electricity, lecture table, and cases for holding chemical apparatus, ores and minerals. The chemical laboratory accommodates fifty-six students working together. The desks have water, sinks, locked drawers, and full sets of reagents. There are gas closets with glass doors, cases for chemicals, apparatus, and supplies, and side-table reagents. A general storage room for glassware and supplies contains also a large, close-fitting case for acids.

The department of Physics occupies three rooms on the south side of Science Hall, first floor. The lecture room is provided with folding seats and accommodates sixty students. The laboratory is equipped with a good grade of apparatus that permits of accurate quantitative work. The equipment includes magnetometers, galvanometers of different types, resistance boxes of high grade, a fairly complete line of ammeters and voltmeters, spectrometers, polariscopes, gratings, etc. There is also a considerable amount of good demonstration apparatus. There is also located in the basement a good storage battery and motor-generator set. The laboratory is thus supplied with both direct and alternating current of wide range of voltage.

Biological laboratories are on the second floor, and are equipped with compound microscopes and other necessary apparatus. The location of the College gives the biological department the advantage of a rich and easily accessible supply of plant and animal forms for laboratory and field study.

On the second floor of this building are also the Faculty room, the Registrar's office and the lecture room used by the department of American History and Politics.

In front of the main building and facing on the grove, are the President's house and Brafferton Hall. The former was built in 1732, and has been the residence of the successive presidents of the institution. Brafferton Hall was built in 1723, and until 1793 accommodated the Indian school. Since the discontinuance of the Indian school, it has been used as a dormitory. Two other dormitories, the Ewell and Taliaferro Buildings, are situated on the south side of the main thoroughfare leading to Jamestown. On the first floor of the Ewell Building is the dining hall, which seats all the students in the college boarding department.

The Gymnasium Building, erected in 1901, has an excellent

equipment, and is itself one of the best gymnasiums in the South. It is furnished with lockers for the use of the students, and has a bath room with tub, shower and spray baths. On the second floor is the room used by the Young Men's Christian Association of the college.

The Library Building, made possible by the generosity of friends of the college, was completed in 1908. It contains twenty thousand volumes, many of them very rare. The building is of brick, with stone trimmings, is eighty feet in length by thirty feet in breadth, with the stack room on the north side. The library is open for the use of the students six hours each day and two hours each night.

The college has a commodious and well-ventilated infirmary. So good is the health of the students, however, that the building is little used, except as an office for the college physician, and for meetings of the Board of Visitors.

The college buildings are supplied with pure artesian water, distributed by pipes, and are heated by steam. All buildings and grounds are lighted by electricity. The new power and heating plant, erected last summer at a cost of \$30,000, is one of the best in the state. Two boilers of one hundred horsepower each furnish steam heat for all the buildings and power for driving the two alternating current, fifty kilowatt dynamos.

The athletic field contains twenty-five acres, which lie back of the main building. It provides excellent facilities for outdoor sports. The baseball and football grounds have been recently enclosed by a close board fence, and a grandstand has been erected that will accommodate six hundred people. This addition to the athletic facilities of the college was due to the generosity of a close friend of the institution.

## PART II.

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ENTRANCE REQUIREMENTS

GOVERNMENT AND REGULATIONS

EXPENSES

HONORS AND DEGREES

ANNOUNCEMENT OF COLLEGIATE COURSES,

## College Entrance Requirements.\*

- I. AGE.—The applicant must be at least 16 years of age.
- II. CHARACTER.—*He must present a certificate of honorable discharge from the last school attended.*
- III. PREPARATION.—He must present a certificate from a reputable school showing adequate preparation on the subjects outlined in "Entrance Examinations," or stand said examinations. Applicants for admission to college should write to the Registrar for blanks, which should be filled out by the principal of the last school attended, *before the student comes to college.*
- IV. FULL ADMISSION.—For full admission to the first year of the college courses, the candidate must present fourteen units, a unit representing a full year's work of five forty-minute periods per week. Among the fourteen units offered for entrance to either the Bachelor of Arts or the Bachelor of Science courses, *three* must be in English *two and one-half* in Mathematics, and *one* in History. Candidates for the degree of Bachelor of Arts must offer an additional *three* units in Latin, and candidates for the degree of Bachelor of Science must present *one* unit in Science and *two* units either in Latin or in Modern languages. The other *four and one-half* units may be selected from the optional subjects given below.
- V. CONDITIONAL ENTRANCE.—A student who cannot present the fourteen units as required may be admitted on twelve units, provided arrangements are made to make up the remaining two units during the first two years of his college work. At least six of the twelve units presented must be from the list of those required for entrance to the A. B. or B. S. courses.

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\*The college of William and Mary maintains a Normal Academy in addition to the regular Collegiate work. The Normal Academy offers three years of academic and normal instruction, which, correlated with and continued by two years required work in the collegiate department make up the five years of the Teachers' Normal Course leading to the Teachers' Diploma. The Academy has its own corps of instructors and the work is separate from that of the Collegiate Department.

For entrance requirements governing admission to the Academy: see page 104 under Normal Academy.



## Table of Entrance Units.

SUBJECTS.	TOPIC.	UNITS
English A . .	English Grammar and Analysis (required) . . . . .	I
English B . .	Composition and Rhetoric (required) . . . . .	I
English C . .	Literature (required) . . . . .	I
Mathematics A	Algebra to Quadratics (required) . . . . .	I
Mathematics B	Quadratics, Progression, Binomials, etc. (required)	$\frac{1}{2}$
Mathematics C	Plane Geometry (required) . . . . .	I
Mathematics D	Solid Geometry (optional) . . . . .	$\frac{1}{2}$
Mathematics E	Plane Trigonometry (optional) . . . . .	$\frac{1}{2}$
Latin A . . .	Grammar and Composition (required for A. B.) . .	I
Latin B . . .	Cæsar—4 Books (required for A. B.) . . . . .	I
Latin C . . .	Cicero—6 Orations (required for A. B.) . . . . .	I
Latin D . . .	Virgil—6 Books (optional) . . . . .	I
History A . .	General History . . . . .	I
History B . .	Greek and Roman . . . . .	I
History C . .	English History . . . . .	I
History D . .	American History & Civil Gov. } One unit required. Two others may be presented.	I
Science A . .	Physiography . . . . .	I
Science B . .	Elements of Physics . . . . .	I
Science C . .	Elements of Chemistry . . . . .	I
Science D . .	Botany, Zoology and Physiology } may be presented for A. B. or B. S.	I
Science E . .	Mechanical Drawing . . . . .	$\frac{1}{2}$
German A . .	Grammar and Composition (optional) . . . . .	I
German B . .	Reading and Exercises (optional) . . . . .	I
French A . .	Grammar and Composition (optional) . . . . .	I
French B . .	Reading and Exercises (optional) . . . . .	I
Spanish . . .	Grammar and Composition (optional) . . . . .	I
Greek A . . .	Grammar and Composition (optional) . . . . .	I
Greek B . . .	Xenophon's Anabasis—4 Books (optional) . . . .	I

Entrance Units may be allowed on other high school subjects at the discretion of the Entrance Committee.

## DEFINITIONS OF THE UNITS IN THE REQUIREMENTS FOR ENTRANCE.

*English A.* English Grammar and Grammatical Analysis.—The parts of speech with inflections and uses of each; syntax and logical analysis; detailed study of sentence-structure, including capitalization and punctuation. Text-book recommended: Baskervill and Sewell's English Grammar. (One unit.)

*English B.* Composition and Rhetoric.—The choice, arrangement and connection of words with exercises; the sentence in detail as to unity, coherence and proportion; the paragraph with reference to placing topic, structure for unity, continuity, and emphasis, with abundant exercises in composing good paragraphs. (One unit.)

*English C.* Literature.—The specimens for reading and study designated for college entrance requirements by the joint committee on collegiate and secondary schools. These required books or their equivalents should be studied throughout the High School course under the guidance of the instructor. Parallel reading should be encouraged and intelligent conversation about books directed.

The college entrance requirements in English for 1912 are:

I. For Study and Practice—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation* or Washington's *Farewell Address*, and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

II. For Reading. Group 1 (two to be selected—Shakespeare's *As You Like It*; *Henry V*; *Julius Caesar*; *The Merchant of Venice*; *Twelfth Night*.

Group 2 (one to be selected)—Bacon's *Essays*; Bunyan's *The Pilgrim's Progress*, Part I; Addison's *Sir Roger de Coverley*; Franklin's *Autobiography*.

Group 3 (one to be selected)—Chaucer's *Prologue*; Spenser's *Faerie Queene* (selections); Pope's *The Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (first series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns.

Group 4 (two to be selected)—Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group 5 (two to be selected)—Irving's *Sketch Book* (selections); Lamb's *Essays of Elia*; DeQuincey's *Joan of Arc* and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

Group 6 (two to be selected)—Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (first series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Lancelot and Elaine*, *The Passing of Arthur*, *Gareth and Lynette*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Herve Riel*, *Phœdippides*. (One unit.)

*Mathematics A.* Algebra to Quadratic Equations. The four fundamental operations; factoring; highest common factor; lowest common multiple; fractions, simple and complex; ratio and proportion; equations, numerical and literal; problems; radicals, including square root; exponents, fractional and negative. (One unit.)

*Mathematics B.* Quadratic equations, Progression, and the Binomial Theorem.—Quadratic equations, numerical and literal;

equations with one or more unknown quantities; problems depending on quadratic equations; the binomial formula for positive integral exponents; arithmetical and geometrical progression, with applications. (Half unit.)

*Mathematics C.* Plane Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solutions of original exercises, etc. (One unit.)

*Mathematics D.* Solid Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solution of original exercises, etc. (Half unit.)

*Mathematics E.* Plane Trigonometry.—The usual trigonometric functions; solution of trigonometric equations; theory and use of logarithms, etc. (Half unit.)

*Latin A.* Grammar and Composition.—The study of a standard text-book, with pronunciation; regular forms; cases; tenses; moods; rules, etc. Primer of Roman History. Translations into Latin and easy reading. (One unit.)

*Latin B.* Cæsar, Four Books.—With a systematic study of Latin grammar; exercises based upon the text read. (One unit.)

*Latin C.* Cicero, Six Orations.—Grammar work and prose composition based upon the text read. (One unit.)

*Latin D.* Virgil, Six Books.—Latin versification as shown in the hexameter meter. Grammar work and selected exercises in composition. (One unit.)

*History A.* General History.—Including a study of feudalism, papacy, Germano-Roman empire; formation of France; Crusades; Renaissance; Protestant Reformation; French Revolution, etc. (One unit.)

*History B.* Greek and Roman.—Including the geography of the countries studied and the development of the empires; wars; invasions; legends; transitions, etc. (One unit.)

*History C.* English History, from the early British settlements down to the present. (One unit.)

*History D.* American History and Civil Government.—From the earliest discoveries and settlements to the present. Special emphasis upon the causes and results of the leading wars. Changes begotten by the Revolution. Political and economic problems; political parties; foreign relations, etc. (One unit.)

*Science A.* Physiography.—An elementary knowledge of the subjects taught in "Tarr's Elementary Physical Geography," "Maury's Physical Geography," or other text of equal value. (One unit.)

*Science B.* Elementary Physics.—A knowledge of the subject as given in Millikan and Gale, Carhart and Chute, or other standard texts. The student's note book of written reports of experiments should be presented, showing acceptance on the part of his teacher. Any one of the standard texts and manuals may be followed. (One unit.)

*Science C.* Elementary Chemistry.—The candidate for entrance credit should be able to show that he has studied for at least one full session, under a competent teacher, some standard text-book on inorganic chemistry and used a laboratory manual. (One unit.)

*Science D.* Botany, Zoology and Physiology.—The entrance requirements pre-supposes such sound elementary knowledge of plants, animals and human physiology, respectively, as may be regarded as representing one-half year's or one whole year's work in each subject from a standard text. Laboratory note-books should be presented. (Half unit each, or one unit each.)

*Science E.* Mechanical Drawing.—Projections of geometric figures; changes of position; relative sizes and positions; distances from given points, etc. (Half unit.)

*German A.* Grammar and Composition.—One full session's work in declensions; conjugations; uses and meanings of articles; pronouns; cases; tenses; moods and general rules of governing arrangement of sentences; word functions; translations into English and German. (One unit.)



*German B.* Translations.—Reading of from 500 to 600 pages of German, made up of easy stories, plays, prose and poetry. (One unit.)

*French A.* Grammar and Composition.—One session's work including a mastery of the principles of grammar, regular and irregular verbs. (One unit.)

*French B.* Translations.—About 500 pages of reading with continued drill in grammar. Exercises in dictation and conversation. Written exercises in French composition. (One unit.)

*Spanish.* Grammar and Composition, with Translations.—A thorough study of pronunciation. Composition with easy reading. (One unit.)

*Greek A.* Grammar and Composition.—The common forms, idioms, inflections; syntax; easy translations, etc. (One unit.)

*Greek B.* Xenophon's *Anabasis*.—Six books. (One unit.)

### ADMISSION UPON CERTIFICATES.

Candidates for admission to the college, or for any entrance credit whatsoever, must either pass the entrance examinations in the subjects covering the required number of units, or that part of them for which they desire credit; or they must present a certificate signed by the principal of a standard high school, or other institution of equal rank, showing adequate preparation on the required subjects. When a student is assigned to courses upon certificate, the assignment is conditioned upon his ability to do satisfactory work in the courses undertaken. It is urgently requested that these certificates be carefully prepared, and *that students write to the Registrar of the college for the necessary blanks before leaving home*. While admission to college is allowed upon graduation from accredited high schools, it is necessary to know the extent and content of the high school courses in order that the proper number of entrance credits may be ascertained.

## ADMISSION TO ADVANCED STANDING.

Matriculates presenting certificates or diplomas from reputable colleges or from normal schools will be given such credits as the professors directly concerned shall, after consultation with the Faculty, deem proper, subject to the conditions on which degrees are conferred by this college; and, as far as possible, the student will be saved time in the attainment of the desired degree.

Collegiate credits will not be given *on certificate* for work done in high schools and academies. Matriculates from such schools, who present more than fourteen entrance units, may, with the consent of the professor concerned, take an examination on those subjects for which credit is sought, or the student may be assigned by the professor concerned to an advanced class, and if he successfully completes the higher course, he may be allowed credit, part or in whole, for the lower course. *All credits allowed in this manner must be in excess of fourteen entrance units and on work of collegiate grade.*



## Government and Regulations.

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### REGISTRATION OF STUDENTS.

All applicants who seek admission to the College should assemble in the chapel at 9 o'clock on Thursday, September 19th, when they will be given directions as to how to register and arrange for their courses. In registering, the student should first present himself to the President at his office in the President's house. The candidate seeking admission for the first time should bring with him papers signed by the proper official of the institution last attended, to aid in his registration and classification. If the candidate is free from objection the President will give him a card permitting him to matriculate, which should be at once presented to the entrance committee (in Science Hall). If his entrance papers are found satisfactory, this committee will give him a ticket of classification which he will present to the Registrar and Treasurer in the Treasurer's office in the main college building. Those students who arrive too late to attend the assembly in the chapel should report at once to the President.

The schedule of entrance examinations and the place where they are to be held will be found posted on the official bulletin board in the hall of the main building. All certificates from other institutions should be presented to the Committee on Entrance immediately after registering. Registration of new student is always conditional upon the student's being able to satisfy the entrance requirements.

Students who have formerly attended the college should report as promptly as possible to their advisory professors for assignment to classes. No student will be considered as having completed his registration until he has been regularly assigned to classes.

### DELAYED REGISTRATION.

Students will be allowed three days, inclusive of September 19th, to complete their registration. A fee of \$1.50 additional will be charged for all registrations between September 22nd and October 2nd, and \$2.00 additional for registration after October 2nd. A fine of 50 cents will be imposed for each day's delay in reporting for duty after the termination of a vacation during the session.

### ADVISORY PROFESSORS.

Each student at the beginning of the session will be assigned to an advisory professor, who will aid him in selecting his classes, and keep a general advisory oversight over his work during the year. A student desiring to change or lessen his courses must always obtain the consent of his advisory professor and a card of withdrawal from the registrar, before doing so.

### DISCIPLINE.

The discipline of the college is in the hands of the President and Faculty. Its object is to maintain regularity and order in the institution and to inculcate among the students the spirit of honor and the manners of gentlemen. At William and Mary, the "Honor System" had its beginning, and its spirit still prevails in such force that disorder and ungentlemanly conduct is rare in the student life. When, however, the Faculty finds it necessary to resort to other means of securing the desired end, probation, suspension or expulsion is resorted to, according to the gravity of the offence.

The Faculty believes that it is a duty which they owe to parents to advise and insist upon the withdrawal of all students not profiting by their stay at college; and when a non-resident student is permitted to withdraw, or is dropped from the roll, or is suspended, he must forthwith leave Williamsburg and the vicinity. Until he fulfills this requirement, he remains subject to the authority of the institution and may be

expelled. In every case of discipline by the Faculty, the student's parent or guardian is informed of the action.

Hazing or subjecting the students to any kind of humiliating treatment, using intoxicating liquors, or gambling is strictly forbidden and renders the offender liable to expulsion. Ungentlemanly conduct of any sort, such as swearing or using indecent language, when it comes to the knowledge of the Faculty, will be severely dealt with. Moreover, it is against the laws of the college for students to play cards in their rooms, fraternity-houses or college buildings; to visit pool-rooms; to keep firearms, or to deface or injure the walls, furniture or property of any sort belonging to the college. Nor shall any student go farther than eight miles from the college without the consent of the President, or in his absence, of the Dean.

#### **DROPPING FROM THE ROLL.**

A collegiate student who fails at the regular midwinter or spring examinations to pass unconditionally one-third of his hours, will be dropped from the roll of the college, unless the failure is due to continued sickness or some other unavoidable cause. Those who absent themselves from two examinations, except on a physician's certificate, will also be dropped from the roll.

#### **EXAMINATIONS.**

Written examinations are held at the end of each term. An examination grade of 75 per cent. or higher, passes a student, provided his class standing and attendance are satisfactory to the professor. Students who pass a course with a grade for the term of from 75 per cent to 83 per cent., will be marked C; those passing with a grade of from 83 per cent. to 90 per cent. will be marked B; and those making from 90 per cent. to 100 per cent. will be marked A. (See also special requirements for degrees, page 47.)

#### **LIMITATION ON NUMBER OF HOURS TAKEN BY STUDENT.**

No student will be permitted to take less than fifteen, nor more than eighteen hours per week, except by special permis-

sion of the faculty. Permission to take more than eighteen hours will not be granted to any one who has made a grade as low as C on half of his previous term's work. In no case will a student receive credit on more than twenty hours in one term.

### CREDITS.

The College year consists of two terms, or half sessions, and the courses run one term, though a professor may continue his subject into the second term. Upon satisfactorily completing a course for a term, the student receives credits based upon the number of hours per week in the lecture-room. Three-hour courses, two-hour courses, and one-hour courses are offered, entitling the student who attends them satisfactorily to three credits, two credits, and one credit respectively, except that two laboratory hours give one credit.

### REPORTS.

Reports showing the standing of every student in his classes are rendered each month during the session. The attention of parents is called to these reports, and admonition in proper cases should be given by them to their sons, as parental authority is a valuable adjunct to the discipline and success of a college. Each student is assigned to an advisory professor who carefully follows his progress through the session and endeavors by his personal oversight and advice to encourage him in his work and prevent his failure to profit by his classes.

### WORK IN ABSENTIA FOR A. B. OR B. S.

Work done at other colleges of reputable standing will be given equivalent credits and after thirty credits are obtained at this or any other college, thirty credits may be done privately. No degree, however, will be granted to any one who has not done thirty credits in residence at this institution.

## Expenses.

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The expenses of the college are unusually light, since the college fees are small and living in Williamsburg is remarkably cheap. The life of the college, though full of activities in which, if he wishes, the student may take part, is yet free from the expensive habits current at so many of our colleges. This reduction of expenses to the normal students of William and Mary is made possible by the desire of the Commonwealth to develop a body of men trained for and interested in its greatest responsibility—the education of its children. Hence the special conditions that make it possible for the college to offer courses of a high grade of excellence at a minimum cost.

### FEES.

The fees of the college are as follows: Matriculation fee, \$15; tuition fee, \$40; medical fee, \$6; gymnasium fee, \$5; library fee, \$3; maintainance fee, \$24. Virginia students are not required to pay the tuition fee, and those who hold state scholarships are required to pay only the matriculation fee.

The matriculation fee must be paid in full on entrance. Of the remaining fees one-half must be paid on entrance and one-half on the first of February. A laboratory fee of \$1.50 will be charged for each course taken in Biology, Chemistry, and Manual Arts.

### BOARD.

Board is furnished at the college boarding house, including fuel, lights, laundry, attendance, and use of the furniture in the rooms, at \$12.00 per month for those holding State scholarships.



State students are given the preference at the college boarding department, and should there not be room to accommodate all other students who apply, they can secure board in desirable places in the town at about the same rate as charged at the college.

### ROOM RENT.

The charge for room rent at the college dormitories is \$1.00 per month, payable at the beginning of each month.

### BOOKS AND LABORATORY FEES.

The cost of books and laboratory fees per session depends somewhat on the classes to which the student is assigned, but will hardly be less than \$15.00, and should not exceed \$30.00.

### CONTINGENT FUND.

Every student, on entering, is required to deposit with the treasurer the sum of three dollars, to be entered to his credit as a contingent fund, out of which shall be taken his apportioned share of the cost of any damage, beyond ordinary wear and tear, done to the college property by students. If no such charges are entered against him, the whole amount will be returned at the end of the session. For damage to property, accompanied by bad conduct, the whole contingent deposit may be forfeited.

### STATE SCHOLARSHIPS.

The college of William and Mary offers 132 scholarships to young men who wish to prepare themselves to teach in the public schools of Virginia. These appointments can be secured by applying to the superintendents of schools in the counties or cities and entitle the holders to free tuition and board at reduced rates at the college boarding house, and exemption from all fees except the matriculation fee and laboratory fees.

These students are required to take the subjects embraced in one of the Teachers' Courses.

After completing a teachers' course they may apply for one of the college degrees, (A. B.; B. S.; or A. M.,) on the same

terms as State students. For full particulars in regard to these scholarships and the Teachers Courses, see pages 74-83.

### MINISTERIAL STUDENTS.

Students furnishing satisfactory evidence of their intention and fitness to enter the ministry are not required to pay tuition fees.

### REDUCTIONS.

No reduction of the college fees shall be allowed for any reason and no reduction of board for a period less than a month. This rule applies to absences at Christmas and to sickness, to withdrawal from college, or to dismissal therefrom.

### EXPENSES

#### (a) *For Virginia Students Holding State Scholarships:*

Matriculation fee (payable on entrance).....	\$ 15.00
Board—including heat, light, laundry, and attendance \$12.00 per month (payable monthly in advance)...	108.00
Room rent, \$1.00 per month (payable monthly in advance).....	9.00

Total cost per Session not including Laboratory Fees..\$132.00

#### (b) *For Virginia Students Not Holding State Scholarships:*

Matriculation fee (payable on entrance).....	\$ 15.00
Medical fee (payable half on entrance, half Feb. 1st) ..	6.00
Gymnasium fee (payable half on entrance, half on Feb. 1st). ....	5.00
Library fee (payable half on entrance, half Feb. 1st) ..	3.00
Maintenance (payable half on entrance, half Feb. 1st). ..	24.00
Board—including heat, light, laundry and attendance \$14.00 per month (payable monthly in advance)...	126.00
Room rent—\$1.00 per month (payable monthly in ad- vance) .....	9.00

Total cost per Session not including Laboratory Fees..\$188.00



*(c) For Students Not from Virginia:*

Matriculation fee (payable on entrance).....	\$ 15.00
Tuition fee (payable half on entrance, half Feb. 1st.)..	40.00
Medical fee (payable half on entrance, half Feb. 1st.)..	6.00
Gymnasium fee (payable half on entrance, half Feb. 1st.) .....	5.00
Library fee (payable half on entrance, half Feb. 1st.)..	3.00
Maintenance fee (payable half on entrance, half Feb. 1st). ....	24.00
Board—including heat, light, laundry, and attendance \$14.00 per month (payable monthly in advance)...	126.00
Room rent—\$1.00 per month (payable monthly in advance) .....	9.00

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Total cost per Session not including Laboratory Fees..\$228.00

In addition to the above expenses every student is required to deposit at the beginning of the year a contingent fee of \$3.00, which is returnable at the end of the year if no damage has been done by him to college property. This is, therefore, not necessarily an expense. All students are likewise required to pay a fee of \$1.50 for each course taken in Biology, Chemistry, and Manual Arts. Laboratory fees seldom amount to more than \$6.00 per year.

**INCIDENTALS.**

We cannot undertake to formulate the exact cost to students for clothing, travel and incidentals. These are governed largely by the habits of each individual. We endeavor to cultivate frugality and to protect the student from temptations. The size of Williamsburg aids materially in this matter by not subjecting the young man to the temptations of a large city. The demands for extra money being small, the parent is advised to furnish only a limited sum.

## Honors and Degrees.

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### COLLEGIATE DEGREES.

The degrees offered are Bachelor of Arts (A. B.), Bachelor of Science (B. S.), and Master of Arts (A. M.). All applicants for these degrees are expected to take fifteen hours a week, unless otherwise permitted by the Faculty.

#### BACHELOR OF ARTS.

To enter upon the courses leading to A. B., the student must fulfill the requirements as enumerated under "Entrance Requirements" on page 30.

To attain the degree of Bachelor of Arts, the student must make one hundred and twenty (120) credits, at least sixty of which must be in the higher group. The following eighty (80) credits must be taken by all candidates for A. B.: (1) Latin, 12; (2) English, 14; (3) History, 6; (4) Greek or a Modern Language, 12; (5) Ethics, 3, or Logic 3; (7) Psychology, 6; (8) Mathematics, 7; (9) Economics, 2; (10) Politics, 3; (11) Chemistry and Physics, 10; (12) Biology, 5. Of the forty (40) credits remaining necessary for the degree, twenty (20) shall be taken in Languages, Literature, History and Mathematics.

A graduating thesis is required of all candidates for the degree of Bachelor of Arts.

#### BACHELOR OF SCIENCE.

The entrance requirement for this degree are enumerated under "Entrance Requirements," on page 30.

To attain this degree, the student must make one hundred and twenty (120) credits, at least sixty (60) of which must be in the higher group. The following eighty (80) credits must be taken by all candidates for this degree: (1) English, 8; (2) History, 4; including course IV. in History; (3) A Modern Language, 12; (4) Economics, 2; (5) Politics, 2; (6) Chemistry, 10; (7) Physics, 10; (8) Biology, 13; (9) Mathematics, 10; (10) Logic, 3; (11) Psychology, 6.

In addition to the above eighty (80) required credits, the students shall elect forty (40) additional credits; and of these forty (40) credits, twenty (20) shall be *higher group* credits in Biology, Chemistry, Physics and Mathematics.

A graduating thesis is required of all applicants for the degree of Bachelor of Science.

### SPECIAL REQUIREMENTS FOR A DEGREE.

The College believes that the recipient of a degree should give evidence of higher ability and scholarship in at least part of his work than is required for a mere pass, and a bachelor's degree will be conferred only on those who have made a grade above C on at least 60 of the 120 credits required for a degree. (See page 40, Examinations.)

### MASTER OF ARTS.

The degree of Master of Arts will be conferred upon a student who shall have met the following conditions:

I. (a) He shall have received an A. B. degree from this institution, said degree not to be based upon any catalogue earlier than that of June, 1909; or,

(b) He shall have an A. B. degree from some other institution of equal grade, said degree being subject to the approval of the faculty upon the recommendation of the Degree Committee; or,

(c) He may base his A. M. degree upon the B. S. degree of this institution, provided (1) said B. S. degree is not based upon any catalogue earlier than that of June, 1909, and provided (2)

that said B. S. degree include at least twenty-five higher group credits in languages, literature, history, philosophy, and mathematics.

II. He shall, as a *resident graduate*, complete at least twenty-five hours of work higher than that taken for the A. B. or B. S. degree from the courses herein indicated as counting toward the A. M. degree, subject to the conditions herein named and under the advice of the Degree Committee.

The following courses count toward the A. M. degree:

English VIII., IX., X., XI., XIII.

Latin V., VI.

Greek V., VI., VII., VIII.

German V., VI.

French V., VI.

Spanish I., II. (French IV. and Latin IV. prerequisite).

Philosophy VII., VIII.

History IV., VI., VII., VIII.

Political Science III.

Education IX., X.

Botany VI., Zoology V.

III. He shall make an average of 85 per cent. on at least ten hours of work, and 80 per cent. on the remainder.

IV. No credits shall be carried over from his A. B. or B. S. degree and used for A. M.

V. Not more than eight credits shall be taken in any one subject.

VI. Application for this degree shall be made by October 1st, and must be approved by the Degree Committee.

VII. He must present a thesis showing thorough and painstaking work in one of his major subjects and representing at least 5 credits value, the subject of said thesis to be selected with the advice and consent of the Degree Committee not later than January 15th. All other A. M. degrees hitherto offered are hereby abolished.

**COLLEGE SCHOLARSHIPS.**

There are various scholarships established in the college. Five of the number, known from their founders—the Corcoran, Soutter, Chancellor, Graves, and Bennett scholarships—are conferred every year in recognition of general merit. They exempt Virginia students from the payment of all fees except the matriculation fee, and non-Virginia students from the tuition fee. There are also two scholarships founded by Mr. R. M. Hughes, of Norfolk; one called the James Barron Hope Scholarship, awarded for the best poem in the college *Magazine*; the other called the Pi Kappa Alpha Scholarship, awarded to some member of the Pi Kappa Alpha fraternity for the best translation published in the *Magazine*. In addition to these, the Faculty offers a scholarship, to each public high school for whites at Hampton Newport News, Norfolk, Portsmouth, Richmond, Petersburg, Lynchburg, Staunton, Roanoke, and Bristol. This scholarship exempts the student from the payment of all fees except the matriculation fee.

**WILLIAM BARTON ROGERS SCHOLARSHIP**

This scholarship was established very recently by the Massachusetts Institute of Technology in memory of William Barton Rogers, founder of the Institute, and former student and professor at the college of William and Mary. The value is \$300, and it will be awarded by the Faculty to some student of this institution who shall have taken sufficiently advanced work for entering the Institute of Technology with advantage.

**COLLEGE DEPARTMENT.**

- |                                     |                      |
|-------------------------------------|----------------------|
| 1. Economics.                       | 10. Botany.          |
| 2. Political Science.               | 11. Agriculture.     |
| 3. English Language and Literature. | 12. Zoology.         |
| 4. United States History.           | 13. Drawing.         |
| 5. Mathematics.                     | 14. Manual Arts.     |
| 6. Chemistry.                       | 15. Physics.         |
| 7. Greek.                           | 16. Philosophy.      |
| 8. Modern Languages.                | 17. Education.       |
| 9. Latin.                           | 18. General History. |

**GROUP OF STUDIES.**

The courses of the college are divided into a lower and a higher group. The following courses constitute the lower group:—

Economics, Course I. (see page 51.)

English, Courses I. II. III. IV. V. XII. (see page 52).

History, Courses I. and V. (see page 64.)

Mathematics, Courses I., II., III. (see page 53).

Physics, Course I. (see page 63).

Chemistry, Course I. (see page 54).

Greek, Courses I. and II. (see page 58).

German, Courses I. and II. (see page 67).

French, Courses I. and II. (see page 66).

Botany, Course I. (see page 55).

Zoology, Course I. (see page 55).

Drawing, Courses I. and II. (see page 56; Science Degree).

Education, Courses I., II., V. (see page 61).

Philosophy, Courses I. and II. (see page 59).

Latin, Courses I. and II. (see page 58).

Manual Arts I. and II. (see page 57; Science Degree).

All courses not in the above list are in the higher group.



## Announcement of Collegiate Courses.

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### ECONOMICS.

PROFESSOR TYLER.

*Course I.*—The study begins with the history of the science and a rapid survey of the field. Then follows a discussion of Value as the subject matter. Next the elements in its production—land, labor and capital. The question of rent, wages, interest, money, taxes, credit are afterwards taken up, and in illustration of these and other usual topics of the science, practical questions of the hour are introduced and discussed. Two hours a week; second term; 2 credits.

### POLITICAL SCIENCE.

PROFESSOR TYLER.

*Course I.*—The study of the American colonial institutions, and of the constitutions and administrative systems of the States and Federal Government, pursued through lectures. Two hours a week; first term; 2 credits.

*Course II.*—A study of English institutions from the first beginnings to the present time, pursued through text-books and lectures. Two hours a week; first term; 2 credits. (Prerequisite, History III.)

*Course III.*—*International Law.*—An inquiry into the nature, sources and sanctions of International Law and an outline study of its growth, with emphasis upon its modern development. The application of the law to questions in American history is made a prominent feature. Two hours a week; second term; 2 credits. (Prerequisite, Course I.)



## ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR HALL.

ASSOCIATE PROFESSOR WILSON.

*Course I.*—The study of words; words and their ways in English speech; slang; fashions in language; popular etymology; other phenomena of language. Two hours a week; first term; 2 credits.

*Course II.*—Outline study of great English and American authors and their masterpieces; parallel reading; essays growing out of the work done in class. Two hours a week; first term; 2 credits.

*Course III.*—Outline of the history of the English language; its flectional and syntactical changes; its relation to other languages. Praxis work in the library. Two hours a week; second term; 2 credits.

*Course IV.*—Analytical study of a play of Shakespeare; parallel reading in Shakespeare and other Elizabethan dramatists. Essays based upon the work in class. Two hours a week; second term; 2 credits.

*Course V.*—Rhetoric; the Sentence; the Paragraph; Description; Narration; Exposition; Argumentation. Frequent themes and praxis work. (*Required in all diplomas and degrees.*) Three hours a week; first term; 3 credits.

*Courses VI.-VII.*—Anglo-Saxon begun in first term; historical grammar taught incidentally; study of words and history of the language continued. Fifty pages of Anglo-Saxon read in second term. (Prerequisite, Courses I. and III.) Two hours a week; both terms; 4 credits.

*Course VIII.*—A study of the English Miracle Plays and Moralities in both their ethical and linguistic aspects. Parallel reading; essays. Two hours a week; first term; 2 credits.

*Course IX.*—Critical study of Edgar Allan Poe, Sidney Lanier, and other Southern writers; parallel reading in American literature; essays growing out of the course. Two hours a week; second term; 2 credits.

*Course X.-XI.*—*Beowulf* read in full, with discussion of disputed points in the text. Parallel chapters in the history of Anglo-Saxon literature. Research questions assigned. (Prerequisites: Courses I., III., VI., VII.) Two hours a week; both terms; 4 credits.

*Course XII.*—Advanced grammar; comparative study of the best text-books; disputed points in syntax. (*Required of all State students.*) Two hours a week; second term; 2 credits.

*Course XIII.*—The genesis and development of the English novel; representative masterpieces read and discussed; essays. Two hours a week; second term; 2 credits.

## MATHEMATICS.

PROFESSOR STUBBS.

ADJUNCT PROFESSOR JOHN TYLER.

*Course I.*—Plane Trigonometry; three hours a week; first term; 3 credits.

*Course II.*—Advanced Algebra (Determinants, Theory of Equations, etc.); one hour a week; both terms; 2 credits.

*Course III.*—Solid Geometry; two hours a week; second term; 2 credits.

*Course IV.*—Analytical Geometry (Plane); three hours a week; first term; 3 credits.

*Course V.*—Analytical Geometry (Solid); one hour a week; second term; 1 credit.

*Course VI.*—Spherical Trigonometry; two hours a week; second term; 2 credits.

*Course VII.*—Differential Calculus; three hours a week; first term; 3 credits.

*Course VIII.*—Integral Calculus; three hours a week; second term; 3 credits.

*Mathematics IX.*—*Surveying.*—Theory and adjustment of the Compass, Transit, and Level. This course includes surveys of farms, computation of area, location of lines and corners, and topography as far as it relates to the laying of water pipes, drain and sewer pipes. Lectures will be given on all of these subjects. Four hours field work, one hour recitation running both terms.

*Surveying II.*—A camp will be given in plane surveying during the summer, for details of course communicate with Professor Tyler in charge.

## CHEMISTRY.

PROFESSOR GARRETT.

INSTRUCTOR, C. C. SNOW.

*Course I.*—General Inorganic Chemistry, with laboratory work. Descriptive and experimental lectures, recitations and problems; three lectures and two laboratory periods per week; first term; 5 credits.

*Course II.*—This course is a continuation of Course I., with a brief introduction to Organic Chemistry; three lectures and two laboratory periods per week; second term; 5 credits.

Courses I. II. together give a general survey of the subject of Chemistry, and are required for the degree of Bachelor of Science.

*Courses III. and IV.*—Qualitative Analysis (Basic and acid). Three laboratory periods a week; both terms; 6 credits. These two courses may not be counted separately, since Course IV. is the logical continuation of Course III.

A laboratory fee of \$1.50 is charged in each course in Chemistry.

**ZOOLOGY.**

PROFESSOR RITCHIE.

INSTRUCTOR, A. R. KOONTZ.

*Course I.—Elementary Human Physiology.*—The fundamentals of human physiology with the anatomy and histology necessary to a clear understanding of the physiological processes discussed. A knowledge of high school physiology is pre-supposed. Lectures, three hours; laboratory, four hours; first term; 5 credits.

*Course II.—Elementary Zoology.*—A general course in Zoology, covering the great groups of the animal kingdom as thoroughly as time will permit. Lectures, three hours; laboratory, four hours; second term; 5 credits.

*Course III.—Histological Technique.*—The preparation of objects for microscopic examination. Laboratory, four hours; first term; two credits. Prerequisite, Zoology I. or Botany I.

*Course IV.—Vertebrate Embryology.*—Lectures one hour; laboratory, four hours; first term; 3 credits. Prerequisite, Zoology II.

*Course V.—Advanced Physiology.*—Lectures, two hours; laboratory, four hours; second term; 4 credits. Prerequisite, Zoology I. and one other laboratory course in Biology; Physics I. and II.; Chemistry I. and II. and 60 credits of college work.

Zoology III. and IV. are given in alternate years. Zoology IV. will be given in 1912-1913.

A laboratory fee of \$1.50 is charged in each of the above courses.

**BOTANY.**

PROFESSOR RITCHIE.

INSTRUCTOR, A. R. KOONTZ.

*Course I.—Elementary Botany.*—A morphological study of the four great plant groups, along with the basic principles of

plant physiology and ecology. Lectures, three hours; laboratory, four hours; second term; 5 credits.

*Course II.—Plant Physiology.*—This course is intended to give a scientific foundation for the study and teaching of physiological botany and agriculture. Lectures, one hour; laboratory, four hours; second term; 3 credits. Prerequisite, Elementary Chemistry.

*Course V.—Systematic Botany.*—Offered as an *in absentia* course. A student who collects and identifies a stipulated number of plants may receive credit for the work done by presenting his collection at the college and giving proof of his ability to use a manual. Two or three credits will be given, according to the amount of work done.

*Course VI.—Bacteriology.*—The principles and technique of bacteriology. Laboratory practice with non-pathogenic and pathogenic forms. Lectures, two hours a week; laboratory, four hours a week; first term; four credits. Prerequisite, Zoology I., and one other course in Biology. In this course the lectures may be taken without the laboratory.

A laboratory fee of \$1.50 will be charged in each course.

## DRAWING.

PROFESSOR CRAWFORD.

*Course I.—Mechanical Drawing.*—(Laboratory Period.) This course serves as an introduction to the subject. It is devoted chiefly to the principles and practice of the working drawing, and prepares for work in the elementary school. Two hours a week; first term; 2 credits (toward B. S. degree).

*Course II.—Blackboard Work.*—Rapid blackboard sketching, use of the blackboard in teaching. Type characteristics emphasized in drawing from nature, flowers, still life, animals, and figures. Memory sketches. Mediums, chalk, charcoal and crayon. Two hours a week; second term; 2 credits. Prerequisite, Free-Hand Drawing.

*Course III.—Mechanical Drawing.*—An advanced course, involving analytical drawing and practical drafting, considered with special reference to the needs of high school work. Two hours a week; first term; 2 credits (toward B. S. degree). (Laboratory Period.) Prerequisite, Drawing I.

*Course IV.—Art Appreciation and History.*—One hour a week; first term; 1 credit.

*Course V.—Continuation of Course IV.*—General instruction in the history and principles of art, training of the appreciative faculties, art criticism. Illustration by lantern slides and photographs of the best examples of architecture, painting, sculpture design and handcraft. Parallel reading. One hour a week; second term; 1 credit.\*

*Courses VI. and VII.—Constructive Design.*—An abridged course for the study of the principles of design with special reference to application in Handicraft. Problems are considered from the standpoint of function, structure, material, form and decoration. One laboratory period a week; both terms; 2 credits.

## MANUAL ARTS.\*

PROFESSOR CRAWFORD.

*Courses I. and II.—Wood Working for Secondary Schools.—Shop Work.*—Study of materials and methods of instruction. This course aims primarily at a training in the technical processes of wood-working as a basis for instruction in the elementary and secondary schools. An analysis of the action of cutting tools is made, and the introduction of tools in class use discussed. Methods of Manual Training instruction are studied at length, and the presentation of typical projects suitable for the upper grades is considered in detail. Two laboratory periods a week; both terms; 4 credits. Prerequisite, Manual Arts B.

Laboratory fee \$1.50 in each course.

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\* All the courses in Drawing and Manual Arts count towards B. S., but only IV. and V. in this department count towards A. B.



## LATIN.

PROFESSOR MONTGOMERY.

*Courses I. and II.*—Six books of *Virgil's Aeneid*. Parallel reading. Latin versification as shown in the hexameter metre. Grammar work and selected exercises in prose composition. Three hours a week; both terms; 6 credits.

*Course III.*—Books XXI. and XXII. of *Livy*. Parallel reading. Grammar work and prose composition based upon the text read. Three hours a week; first term; 3 credits.

*Course IV.*—The Odes and Epodes of Horace. Parallel reading. Latin versification as shown in the Horatian metres. Grammar work and selected exercises in prose composition. Three hours a week; second term; 3 credits.

*Course V.*—The *Germania*, *Agricola*, selections from the *Annals* of Tacitus, and from the *Satires* of Horace, Persius, and Juvenal. Parallel reading upon the history, life, and literature of the early empire. Introduction to Inscriptional, Early and Popular Latin (continued also through Latin VI.) Prose composition work in Gildersleeve-Lodge. Three hours a week; first term; 3 credits.

*Course VI.*—The *Menaechmi*, *Mostellaria*, and *Miles Gloriosus* of Plautus; the *Andria* and *Self-Tormentor* of Terence; one tragedy of Seneca. Sight reading. Parallel reading upon the Roman stage. Three hours a week; second term; 3 credits.

## GREEK.

PROFESSOR MONTGOMERY.

*Courses I. and II.*—Burgess and Bonner's *Elementary Greek*. Three hours a week; both terms; 6 credits.

In Courses I. and II. the chief aim is to equip the student with a thorough and accurate knowledge of the forms, together with an accurate general knowledge of the syntax.

*Course III.*—Xenophon's *Anabasis*; Hadley-Allen's *Grammar*; Woodruff's *Greek Prose Composition*. Parallel. Three hours a week; first term; 3 credits.

*Course IV.*—Orations of Lysias (Adams); Hadley-Allen's *Grammar*; Woodruff's *Greek Prose Composition*. Parallel. Three hours a week; second term; 3 credits.

*Course V.*—Homer's *Iliad* or *Odyssey*; Hadley-Allen's *Grammar*; Goodwin's *Moods and Tenses*; Capps' "From Homer to Theocritus;" Allinson's *Greek Prose Composition*. Parallel. Three hours a week; first term; 3 credits.

*Course VI.*—Demosthenes' Orations against Philip; Plato's *Euthyphro*; Hadley-Allen's *Grammar*; Goodwin's *Moods and Tenses*; Capps' "From Homer to Theocritus;" Allinson's *Greek Prose Composition*; original exercises based on the parallel. Parallel (Demosthenes). Three hours a week; second term; 3 credits.

*Course VII.*—Plato's *Apology*; Thucydides; Hadley-Allen's *Grammar*; Goodwin's *Moods and Tenses*; Fowler's *History of Greek Literature*; original exercises. Parallel. Three hours a week; first term; 3 credits.

*Course VIII.*—Euripides' *Ion*; Sophocles' *Oedipus*; Aeschylus' *Promethius Bound*; Hadley-Allen's *Grammar*; Goodwin's *Moods and Tenses*; Fowler's *History of Greek Literature*; Original exercises. Parallel. Metrical written work. Three hours a week; second term; 3 credits.

## PSYCHOLOGY AND PHILOSOPHY.

PROFESSOR BENNETT.

ADJUNCT PROFESSOR FERGUSON.

*Course I.*—*Psychology*.—General elementary psychology regarded mainly from the physiological and functional viewpoints, with individual and class experiments and educational applica-

tions. Lectures, text and collateral study, experiments and closely related observations at Model School. Three hours a week; first term; 3 credits. Required in fourth year of Teachers' Courses. (Professor Ferguson.)

*Course II.—Psychology.*—Continuation of Course I. Three hours a week; second term; 3 credits. (Professor Ferguson.)

*Course III.—Genetic Psychology.*—A study of the beginnings and development of intellect in animal and child life, the dominant activities at different stages of development and their educational significance. Two hours a week; first term; 2 credits. Courses I. and II. and some biology prerequisite. (Professor Ferguson.)

*Course IV.—Child Study.*—Child psychology and physiology with direct reference to practical educational problems of school and home hygiene, fatigue, defects and abnormalities, and the normal unfolding of physical and intellectual powers and instincts with the educational adjustment appropriate thereto. Two hours a week; second term; 2 credits. Courses I. and II. psychology prerequisite. (Professor Ferguson.)

*Course V.—Logic.*—Deductive and inductive, with brief historic review and drill in practical application to analysis of arguments in current literature and daily studies. Three hours a week; first term; 3 credits. Courses I. and II. prerequisite. (Professor Ferguson.)

*Course VI.—Ethics.*—Brief historic and evolutionary view of ethical theory, leading to a practical study of the applications of the subject to social conditions and daily life. Three hours a week; second term; 3 credits. Courses I. and II. prerequisite. (Professor Ferguson.)

*Course VII.—History of Philosophy.*—Ancient and Mediæval periods. Traces leading systems of thought in their development and relations to each other and to intellectual, social and political life, with parallel biographical study of great philosophers. Two hours a week; first term; 2 credits. Courses V.

and VI. and three courses of history prerequisite. (Professor Bennett.)

*Course VIII.—History of Philosophy.*—Modern Period. Continuation of Course VII., with particular reference to present day problems and systems of thought. Two hours a week; second term; 2 credits. (Professor Bennett.)

## EDUCATION.

PROFESSOR BENNETT.

ADJUNCT PROFESSOR FERGUSON.

MISS DAVIS.

*Course I.—Elements of Management and Method.*—A practical introductory course treating of the organization and management of schools, their relation to community life, methods of the recitation and of training pupils to study. Observations at Model School. Three hours a week; first term; 3 credits. Required of all State students who do not offer Education C (Academy) for entrance. (Professor Bennett.)

*Course II.—Continuation of Course I.*—Required with Course I. of all State students who do not offer Education C (see Normal Academy) for entrance. Three hours a week; second term; 3 credits. (Professor Bennett.)

*Course III.—Principles of Education.*—Based on Psychology I. and II., which is prerequisite and applied in the study of general and special methods. Lectures, texts and practical demonstrations. Three hours a week; first term; 3 credits. Required of all State Students. (Professor Bennett.)

*Course IV.—School Systems.*—A brief survey of the more important ancient and modern national school systems, culminating in a study of the Virginia laws and system. Collateral readings and reports on great educational reformers. (A portion of this term will be devoted to a continuation of Course III.) Three hours a week; second term; 3 credits. Required of all State students. (Professor Bennett.)

*Course V.—Practice Teaching.*—Preparation of lesson plans and teaching classes in Practice School. One hour a day for ten weeks, at times in both terms to be arranged with individual students. Longer time will be required of students whose practice work is not satisfactory. Required of State students. 3 credits. (Miss Davis.)

*Course VI.—School Supervision.*—Deals with the larger problems of school organization. Arranged and recommended especially for principals and superintendents. Courses III. and IV. or equivalent study and experience is prerequisite. Three hours a week; second term; 3 credits. (Professor Bennett.)

*Course VII.—Moral Education.*—Efficient, vigorous, growing moral character considered as the ideal of education and a study of methods of teaching school subjects, class management, school organization, and direct ethical instruction of children, to attain this end. Adapted for teachers, principals and ministerial students. Two hours a week; first term; 2 credits. (Professor Bennett.)

*Course VIII.—Philosophy of Education.*—A study of psychological, biological and sociological aspects of education. For advanced students. Two hours a week; second term; 2 credits. (Professor Bennett.)

*Course IX.—History of Education.*—Ancient and Mediæval periods and the Renaissance studied with reference to their meaning in relation to present day education. Three hours a week; first term; 3 credits. General History prerequisite. (Professor Bennett.)

*Course X.—History of Education.*—Continuation of Course IX. through the modern period with particular attention to recent educational theories. May be taken without IX. Three hours a week; second term; 3 credits. (Professor Bennett.)

Courses VII. and VIII. will ordinarily alternate with Courses IX. and X.

*Course XI.—Secondary Education.*—A practical study of the organization and management of high schools; the curriculum; relation to elementary school and to college; applications of the



psychology of adolescence. Two hours a week; first term; 2 credits. (Mr. Ferguson.)

*Course XIII.—Experimental Education.*—This course seeks to train students in the recently developed scientific methods of solving educational problems, and to acquaint them with the available literature thereon. Individual and class experiments are conducted with much graphic and statistical work. Two hours a week; first term; 2 credits. (Professor Bennett.)

## PHYSICS.

PROFESSOR KEEBLE.

LABORATORY INSTRUCTOR, W. H. NEBLETT.

*Course I.—Mechanics and Heat.*—Lectures and recitations three hours a week, and two laboratory periods of two hours each. First term; 5 credits.

*Course II.—Electricity, Sound and Light.*—This course is a continuation of Course I. Lectures and recitations three hours a week, and two laboratory periods of two hours each. Second term; 5 credits.

The two courses above constitute a year's work in general physics. No previous study of physics is required for admission to Course I., but the student should have an elementary knowledge of plane trigonometry. High school physics will in no case be accepted as a substitute for this year's work. The class-room work is based on a text and much emphasis is laid on the solution of practical problems.

*Course III.*—A more advanced study of *Mechanics* and *Heat* than is required in Course I. An extended drill in the solution of problems. Measurements of considerable precision in the laboratory. Lectures and recitations three hours a week and two laboratory periods of two hours each. Prerequisites, Courses I. and II. and trigonometry. First term; 5 credits.

*Course IV.—Electricity, Sound and Light.*—Lectures and recitations three hours a week and two laboratory periods of two hours each. Second term; 5 credits.



It is intended in this year's work (*a*) to fit students to teach physics efficiently in high schools, and (*b*) to give a sufficiently thorough grounding in the fundamental principles and methods of the subject to enable the student to continue the study of pure physics profitably or to enter upon the study of engineering.

The laboratory work is entirely quantitative and consists of physical measurements of considerable precision. In some cases it may require more than the allotted four hour a week in the laboratory.

The equipment for this course is all new material and fairly complete. Among the more important pieces of apparatus are a good analytical balance, high grade barometer, apparatus for measurement of torsional and elastic constants and moments of inertia, magnetometers, ammeters and voltmeters, high grade gal-telescopes, a polariscope, a high grade spectrometer, and gratings. There is also a good X-ray outfit, a storage battery of twenty cells, and both alternating and direct current supplied from the power house.

### ASTRONOMY.

A course devoted to the study of introductory facts and principles and is chiefly descriptive. Plane trigonometry and Physics I. and II. are required for admission. Three hours a week; first term; 3 credits.

### HISTORY.

PROFESSOR WILSON.

PROFESSOR TYLER.

*Course I.*—Greece and Rome; text-book, lectures, and parallel reading. Assigned work in library. Three hours a week; first term; 3 credits. (Professor Wilson.)

*Course II.*—Western Europe: Middle Ages and Development of Modern Europe. Text-book, lectures and parallel reading. Special topics for investigation. Three hours a week; second term; 3 credits. (Professor Wilson.)

*Course III.*—History of England. Text-book, lectures and parallel reading. (Courses I. and II. prerequisite.) Three hours a week; first term; 3 credits. (Professor Wilson.)

*Course IV.*—History of the United States, advanced course. A general study from the Revolutionary era to the present, with special emphasis upon leading questions, such as education before and after the Revolution; Rise and Fall of Parties; the Bank Question; the Tariff Question; Internal Improvements; Territorial Annexation; Beginning, Growth, and Fall of Slavery; State Rights and Secession. Two hours a week; second term; 2 credits. (Professor Tyler.)

*Course V.*—American History. An outline course in the study of the founding, development and growth of the United States. Methods in the teaching of history studied. Text-book, lectures and parallel reading. Special reading in the library and investigations of individual subjects will be assigned. Three hours a week; second term; 3 credits. (Professor Wilson.)

*Course VI.*—The Age of Elizabeth. Text-books, lectures and parallel reading. An advanced course with detailed study. (Prerequisite, Course III.) Two hours; second term; 2 credits. (Given in 1912-13. Alternates with Course VII. Professor Wilson.)

*Course VII.*—Period of Renaissance and Reformation. Text-books, lectures and parallel reading. Advanced course for detailed study. (Prerequisite, Courses I. and II.) Two hours; second term; 2 credits. (Given in 1911-12. Alternates with Course VI.) (Professor Wilson.)

*Course VIII.*—Europe since 1815. Text-books, lectures and library investigations. Study of modern European governments. (Prerequisite, Courses I and II.) Two hours; first term; 2 (Professor Wilson.)

### PUBLIC SPEAKING.

*Course I.*—*Argumentation and Debate.*—Text-books, lectures and class exercises and practice. (Prerequisite, six credits in

English.) Three hours; first term; 3 credits. (Professor Wilson.)

*Course II.—Public Speaking.*—A general course in the preparation and delivery of the various forms of public discourses. (Prerequisite, six credits in English and Course I. or special permission.) Three hours; second term; 3 credits. (Professor Wilson.)

## MODERN LANGUAGES.

PROFESSOR CALHOUN.

### FRENCH

*Course I.*—Elements of the language; oral and written exercises; dictation; memorizing of poems; reading of such texts as Bedollière's *La Mère Michel et Son Chat*, Fénelon's *Télémaque*, Maistre's *La Jeune Sibérienne*, Claretie's *Pierrille*, Verne's *Les Enfants du Capitaine Grant*.

Three hours a week; first term; 3 credits.

*Course II.*—Continuation of Course I. Class and supplementary reading from such texts as Erckmann-Chatrion's *Le Conscrit* and *Le Juif Polonais*, France's *Abeille*, Gervais' *Un Cas de Conscience*, Laurien's *Mémoires d'Un Collégien*, Enault's *Le Chien du Capitaine*, Gréville's *Dosia*, Halévy's *L' Abbé Constantin*, Saintine's *Picciola*; study of the literature in connection with the texts; abstracts.

Three hours a week; second term; 3 credits.

*Course III.*—Study of syntax; oral practice; prose composition; memorizing of poems; more rapid class and private reading of such texts as La Brête's *Mon Oncle et Mon Curé*, Daudet's *Le Petit Chose*, Dumas' *La Tulipe Noire*, Mérimée's *Colomba*, Sand's *La Petite Fadette*, Lamartine's *Jeanne d'Arc*, Lesage's *Gil Blas*, Marguerite's *Strasbourg*, Souvestre's *Un Philosophe sous les Toits*, Theuriet's *Bigarreau*, Vigny's *Le Cachet Rouge*; abstracts; study of the literature in connection with the texts; study of French life and customs.

Three hours a week; first term; 3 credits.

*Course IV.*—Continuation of Course III. Class and parallel reading from such texts as Balzac's *Le Curé de Tours*, Beaumarchais' *Le Barbier de Seville*, Gautier's *Jettatura*, Daudet's *Tartarin de Tarascon*, Fêval's *La Fée des Grèves*, La Fayette's *La Princess de Clèves*, Lamartine's *Graziella*, Loti's *Pêcheur d'Islande*, Pailleron's *Le Monde où l'on s'ennuie*, Corneille's *Le Cid*, Molière's *Le Bourgeois Gentilhomme*, Racine's *Athalie*, Hugo's *Hernani*.

Three hours a week; second term; 3 credits.

*Course V.*—Composition; oral practice; dictation; memorizing poems; history of French literature, using book written in French; more extensive class and private reading from such texts as Corneille's *Cinna*, Polyeucte and *Nicomède*, Molière's *'Avare*, *Le Misanthrope*, *Les Fourberies de Scapin* and *Les Femmes Savantes*, Racine's *Andromaque*, *Les Plaideurs* and *Phèdre*, Lesage's *Turcaret*, Balzac's *Le Père Goriot*, Voltaire's *Prose*, Hugo's *Ruy Blas*, Pascal; abstracts.

Three hours a week; first term; 3 credits.

*Course VI.*—Continuation of Course V. Class and parallel reading will be from such texts as Bazin's *Les Oherlé*, Hugo's *Les Burgraves*, *Les Misérables* and *Les Travailleurs de la Mer*, Bornier's *La Fille de Roland*, Balzac's *Eugénie Grandet*, Boileau-Despreaux *Les Héros de Roman*; La Fontaine's *Fables*, Rostand's *Cyrano de Bergerac* and *La Princesse Lointaine*, Rotrou's *Saint Genest* and *Venceslas*, *Maitres de la Critique au XIX<sup>me</sup> Siècle*, selections from contemporary French writers, selections from difficult modern French.

Three hours a week; second term; 3 credits.

Courses V. and VI. alternate with German V. and VI.

### GERMAN.

*Course I.*—Grammar; oral and written exercises; dictation; memorizing poems; reading of such texts as Hauff's *Das Kalte*

Herz, Fulda's Unter vier Augen, Spyri's Rosenresli, Zschokke's Der zerbrochene Krug.

Three hours a week; first term; 3 credits.

*Course II.*—Continuation of Course I. Class and private reading will be from such texts as Bacon's Im Vaterland, Baumbach's Nicotiana, Carmen Silva's Aus meinem Königreich, Gerstäcker's Germelshausen, Heyse's L' Arrabbiata, Seidel's Aus goldenen Tagen, Storm's Immensee, Zschokke's Das Wirtshaus zu Cransac. Study of the literature in connection with texts; abstracts.

Three hours a week; second term; 3 credits.

*Course III.*—Study of syntax; oral practice; dictation; memorizing of poems; prose composition; more rapid class and supplementary reading of such texts as Baumbach's Das Habichtsfräulein and Die Nonna, Benedix's Die Hochzeitsreise, Fouqués Undine, Frommel's Eingeschnitten, Gerstäcker's Irrfahrten, Heyse's Das Mädchen von Treppi, Jensen's Die braune Erica, Moser's Bibliothekär, Stökl's Unter Dem Christbaum; study of the literature in connection with texts; abstracts; study of German life and customs.

Three hours a week; first term; 3 credits.

*Course IV.*—Continuation of Course III. Class and parallel reading will be from such texts as Baumbach's Frau Holde, Freytag's Die Journalisten, Goethe's Hermann und Dorothea and Vicar von Sesenheim, Heine's Harzreise, Hauff's Lichtenstein, Lessing's Minna von Barnhelm. Meyer's Der Heilige, Scheffel's Der Trompeter von Säckingen, Schiller's Maria Stuart and Wilhelm Tell, Stifter's Das Haidedorf.

Three hours a week, second term; 3 credits.

*Course V.*—Composition; oral practice; memorizing of poems; history of German literature, using a book written in German; more extensive class and supplementary reading of such texts as Schiller's Wallenstein and Braut von Messina, Goethe's



Faust, Götz von Berlichingen, Torquato Tasso, Iphigenie auf Tauris, Dichtung und Wahrheit and Reinecke Fuchs, Lessing's Nathan der Weise, Emilia Galotti and Hamburgische Dramaturgie, Freytag's Das Nest der Zaunkönige, Sudermann's Frau Sorge, Fulda's Talisman; abstracts.

Three hours a week; first term; 3 credits,

*Course VI.*—Continuation of Course V. Class and parallel reading will be from such texts as Scheffel's Ekkehard, Hauptmann's Die versunkene Glocke, Sudermann's Heimat and Johannes, Wildenbruch's Harold, Wagner's Die Meistersinger von Nürnberg, Wilbrandt's Der Meister von Palmyra, Von Sybel's Die Erhebung Europas gegen Napoleon I, Modern German prose, Journalistic German, selections from Luther's writings.

Three hours a week; second term; 3 credits.

Courses V. and VI. alternate with French V. and VI.

### SPANISH.

*Course I.*—Grammar; oral and written exercises; dictation; memorizing of poems; class and supplementary reading from such selections as Flores de España, Asensi's Victoria y otros Cuentos, Alarcon's Novelas Cortas, Toboada's Cuentos Alegres; abstracts.

Three hours a week; first term; 3 credits.

*Course II.*—Continuation of Course I. Class and private reading will be selected from works of Alarcon, Bazan, Becquer, Caballero, Echegaray, Escrich, Galdós, Gil y Zarate, Gutierrez, Larra, Moratin, Padre Isla, Tamayo y Baus, Valdés and Valera; correspondence; study of the literature in connection with the text; study of Spanish life and customs.

Three hours a week; second term; 3 credits.

It is expected that only students who have had two years of French, or four of Latin, or are in the Junior or Senior Class, will take these courses in Spanish.





## PART III.

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### DEPARTMENT OF NORMAL TRAINING

REGISTER OF NORMAL STUDENTS

APPOINTMENT OF STATE STUDENTS

DIPLOMAS AND CERTIFICATES

COMMITTEE ON RECOMMENDATIONS

COURSES FOR TEACHERS

OBSERVATION AND PRACTICE SCHOOL

## Students Taking Normal Work.

This list is repeated from the general roll.

### THE COLLEGE.

- 
- |                               |                             |
|-------------------------------|-----------------------------|
| *Addison, William Strange     | *Healy, John Hilliard       |
| Alfriend, William Jeffery     | Holler, Carl Wise           |
| *Armistead, Meriwether Irving | *Horne, John Robert         |
| *Beale, Alvin Francis         | *Hubbard, Sam Hildreth      |
| *Bishop, Joseph Mosby         | Jackson, Robert Bruce       |
| *Borkey, Andrew Verbin        | *Jennings, Clarence         |
| Brooks, Gardiner Tyler        | Jones, Lewis                |
| *Brown, Wade Thomas           | *Leach, Edgar Alutus        |
| *Carter, Harry Lee            | Lee, William Byrd           |
| *Cato, John Henry             | *Lewis, Henry Martin        |
| *Charles, Benton Crooks       | Marrow, Harry Franklin      |
| *Clements, James David        | *Mason, John Young          |
| *Cooke, Francis West          | Meredith, Raymond Glenn     |
| *Cooper Alvin Carl            | *Metcalf, Wayne Carr        |
| *Crouch, Richard Judson       | Moore, John Dameron         |
| *Deel, William Oscar          | McAllister, James Rowan     |
| *Deierhoi, William Hansen     | *Neale, Thomas Sherman      |
| *Derflinger, John Wesley      | Neblett, William Hayney     |
| *Dix, Charles Cary            | Nourse, Walter Burton       |
| Doty, William Kavanaugh       | Parker, Henry Godwin        |
| Drewry, Walter Leslie         | Parker, William Leroy       |
| *Duke, William James          | Peachy, Bathust Dangerfield |
| Emery, Victor E. G.           | *Presson, John Morris       |
| English, Alan Fred            | *Renick, Charles Clark      |
| Ewell, Robert Douglass        | Richardson, Cameron Gregg   |
| Games, Lemuel Francis         | Rowe, Thomas Jefferson      |
| *Garland, Andrew Leckie       | *Scheie, Leif Ericson       |
| Geddy, Thomas Henley          | *Smith, Charles Henry       |
| *Geoghegan, Preston Lewis     | *Smith, Robert Guy          |
| *Gillions, David Lionel       | *Snow, Charles Chapman      |
| Graves, Levert Powell         | *Somers, Wilson Edward      |
| *Griggs, Douglass Meriwether  | *Stanley, Isaac Jones       |
| Hall, Joseph Farland          | *Stephens, Joseph William   |
| *Hamlin, Charles Hemten       | *Summers, James Herman      |
| Harris, Herman Lee            | *Taylor, John Eláredge      |
| *Harrison, William Mortimer   | *Taylor, Preston Philips    |

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\*Pledged to teach two years in the public schools of Virginia.

Thomas, Earl Baldwin  
 Tilley, Thomas Chapman  
 \*Tucker, John Lewis  
 \*Turner, Henry Atwill  
 \*Vaden, Herbert Wentworth  
 \*Walker, Robert Henry  
 \*Warburton, Robert Clarence  
 \*Watts, Cecil Everett

\*Wilkinson, Thomas Eppa  
 Willcox, Edward Roane  
 \*Winsbro, William  
 \*Womack, Hugh Leonard  
 \*Woodson, Wilbert Tucker  
 Wright, John Halpin  
 Wright, Ernest Linwood

## THE ACADEMY.

\*Addison, Edward  
 \*Agee, James Lawrence  
   Bane, Edward  
 \*Barnes James Foster  
 Batten, Gilmer Randolph  
 \*Booth, George Wythe  
 \*Booth, Roy Piruus  
   Bright, Norman Paul  
 \*Brinkley, Henry William  
 \*Brown, Harry McChesney  
 \*Brown, Virginus Faunt Le Roy  
 \*Bunting, John  
 \*Burch, Robert Eugene  
   Campbell, Hugh Alexander  
 \*Carmines, Daniel Henry  
 \*Clary, Hugh Valentine  
 \*Clary, Roane Alexander  
 \*Clothier, Archie  
 \*Crockett, Cecil Clinton  
   Elcan, Paul Barringer  
 \*Ellis, Gardiner Tyler  
   Fisher, Howard Henry  
   Frey, Oliver Walter  
 \*Garth, Bernard Allen  
 \*Gilliam, Maxie Parker  
 \*Givens, Emmett Edmonson  
 \*Givens, Lester Ross  
 \*Graves, Cecil Conrad  
 \*Greenawault, Cyrus Markle  
 \*Grimsley, William Morgan  
 \*Ingle, John Preston  
 \*Jackson, Douglas Cary  
 \*Jenkins, Floyd Franklin  
 \*Jones, James Early  
 \*Lackey, Harry Howard  
   Lester, Walter Calahill

\*Lewis, Malachi Ruben  
 \*Lohr, Durward Preston  
 \*Lloyd, McPayne  
   Lowenback, Maurice Roller  
 \*Maddox, Arthur Lee  
 \*Maffette, Raymond  
 \*Martin, William Earl  
 \*Martin, Talmage  
   Mayer, Charles Leonard  
   Moore, Robert William  
 \*Newton, Robert Murphy  
   Patteson, James Monroe  
 \*Phlegar, Robert Judson  
 \*Powers, Harry Whitfield  
 \*Powers, Willie Andrew  
 \*Prillaman, Henry Andrew  
 \*Ramey, William Barlow  
   Roberts, Lionel Wynne  
   Savage, Leonard  
 \*Sawyer, Walter Lee  
 \*Scott, Charles Alexander  
   Scott, Stuart Donald  
   Shiers, Wingfield  
   Soles, Vernon Coles  
   Spencer, Dangerfield Blair  
 \*Spence, Sidney Raleigh  
   Stone, Webster Thompson  
   Wailes, Henry Caperton  
 \*Walton, Leon Jerl  
   Walton, Francis  
 \*West, Willie Clyde  
 \*Whitehead, Winton Major  
 \*Williams, Harvey Page  
 \*Wilson, Paul Arlington  
 \*Wood, Basil Manly  
 \*Zehmer, George Baskerville

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\*Pledged to teach two years in the public schools of Virginia.

## The William and Mary System of Normal Training.

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The State maintains at William and Mary a system of Normal Instruction and Training, comprising:

1. The Observation and Practice school, consisting of four grades of school work, for practice teaching, demonstration of the best modern methods, and laboratory study of educational problems.

2. The Normal Academy, consisting of the first three years of the Teachers' Courses.

3. The college as correlated with the Normal Academy; (a) *continuing through two years of prescribed work the Teachers' Courses leading to the Teachers' Diploma*; and (b) offering six (6) full courses in Education and Normal Training and two courses in Psychology *beyond the work for the Teachers' Diploma*.

The Observation and Practice School is correlated with the public school of Williamsburg and affords opportunity to the normal students for observation of the working out of daily school problems and of practice teaching under expert supervision.

The Normal Academy consists of three years of academic and normal instruction which correlated with and continued by the two years of outlined academic and normal work in the College, make up the five years of the Teachers' Courses leading to the Teachers' Diploma.

The College, as correlated with the Academy, includes these last two years of the Teachers' courses. Under the provisions of the State charter all the regular academic courses of the college are also open to State students of college grade. Two more years are usually required beyond the Teachers' Diploma to complete the work for the degree of Bachelor of Arts or Science, but classes in Education and Normal Training may be continued throughout all courses and for all degrees.

## Appointment of State Students.

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EVERY DIVISION SUPERINTENDENT OF SCHOOLS in the State is empowered by law to nominate as many students as his county or city has representatives in the House of Delegates, provided that every county or city shall be entitled to at least one student. The nomination must contain an endorsement by the Superintendent as to the moral character, ability, age, and the general fitness of the applicant to profit by a course of instruction in the college.

UNDER THE PROVISIONS OF THE LAW requiring the Board of Visitors to prescribe rules for the examination and selection of the pupils applying for instruction as teachers, all persons nominated by the Superintendents are required to give evidence by certificate or examination of the completion of the common school branches. This constitutes the minimum requirements for admission to the first year of the Normal Academy. As the scholarships are granted for the purpose of qualifying young men to teach in the public schools, they may at any time be forfeited by negligence, disorderly conduct, or failure to make proper progress, or for any other reason justifying the Faculty in concluding that the student cannot be safely trusted with a school. They are special privileges which must be deserved, and may not be enjoyed by the incompetent.

SUPERINTENDENTS OF SCHOOLS are asked to nominate all proper applicants, without reference to whether the quota is supplied or not. The Board of Visitors is required by law to fill from the State at large all vacancies, and they wish to have as many young men as possible enjoy the advantages offered by the college.

SUPERINTENDENTS OF SCHOOLS, however, should take care not to give a recommendation to any applicant who is not efficiently prepared on the common school branches, and who is not honestly determined to fulfill his pledge to the State.



ALL STATE STUDENTS are required to sign the following pledge:

*In consideration of receipt from the State of Virginia of Free Tuition in the Teachers' Courses and other advantages incident to appointment as a State student of the College of William and Mary, and*

*In compliance with the requirements of law, I hereby pledge myself to teach in the public schools of Virginia for a period of two years.*

*Witness my hand,*

.....

### EXPENSES OF STUDENTS HOLDING STATE SCHOLARSHIPS.

Board, including heat, light, laundry, and attendance—\$12.00 per month (payable monthly in advance).....	\$108.00
Room rent—\$1.00 per month (payable monthly in advance)....	9.00
Matriculation fee (payable on entrance).....	15.00

Total necessary cost per Session.....\$132.00

In addition to the above the student will deposit a contingent fee of \$3.00 which is returnable at the end of the year, if no damage is done by him to the college property. He will also be required to pay a laboratory fee of \$1.50 for each course taken in Biology, Chemistry, and Manual Arts. The laboratory fees seldom amount to more than \$6.00 per year.

## Diplomas and Certificates.

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### THE TEACHERS' DIPLOMA.

The satisfactory completion of one of the Teachers' Courses entitles the student to a *Teachers' Diploma*, upon which will be granted a *State Professional Certificate* good for seven years and "renewable from time to time for a similar period on evidence satisfactory to the State board that the graduate has been a successful teacher and has satisfactorily completed the reading course prescribed by the State Board of Examiners."

All work of collegiate grade done in securing a *Teachers' Diploma* will be allowed full credit toward college degrees, and the special privileges of State students will be continued during the pursuance of such higher courses (see page 43).

### CERTIFICATE OF GRADUATION IN EDUCATION.

Any student who has met the requirements for the Teacher's Diploma and a bachelor's degree, and shall have received ten higher credits in Education, shall receive in addition to his diploma and degree, a Certificate of Graduation in Education.

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### Committee on Recommendations.

The college maintains a bureau, composed of a committee of the Faculty, to help alumni and students to find positions as teachers. Practically all the graduates of the normal department and holders of Teachers' Diplomas are placed in good positions. The policy of the bureau is to assist good teachers to promotion as well as to secure places for students just beginning to teach. Applications for teachers or for promotions should be made to H. L. Bridges, Registrar of the College.

## Outline of Teachers' Courses.

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The first three years of the Teachers' Normal Course, leading to the Teachers' Diploma, *are of sub-collegiate grade, and are given in the Normal Academy.* The fourth and fifth years are of collegiate grade, and are given by the different collegiate departments. The entire course is outlined below.

The prescribed courses have been planned, *first*, to afford the prospective teacher a thorough knowledge of the subjects included in the best modern public school curricula; *second*, to give not less than three full years' work in professional study and training in the fields of (a) principles of teaching, (b) general and special methods, (c) historic and modern school systems, (d) school laws, organization and management, (e) observation and practice teaching; *third*, to allow the student to select, within well prescribed limits, and to pursue during the fourth and fifth years of his course certain groups of studies, thus securing special fitness and training to teach those subjects with success in secondary schools. This grouping of subjects gives rise to two courses known as: THE LANGUAGE AND HISTORY COURSE AND THE SCIENCE COURSE. Further work in Education and Normal Training may be continued after the completion of the courses outlined below.

### LANGUAGE AND HISTORY COURSE.

#### First Year.

First Term.	Per Week.	Second Term.	Per Week.
English (A) .....	5 hrs.	English (A) continued....	5 hrs.
Mathematics (A), Arithme- tic and Algebra .....	5 hrs.	Mathematics (A), Arithme- tic and Algebra .....	5 hrs.
Latin (A), (Beginning)...	5 hrs.	Latin (A) continued.....	5 hrs.
Physical Geography.....	3 hrs.	Physical Geography.....	3 hrs.
Drawing (A) .....	2 hrs.	Drawing (A) .....	2 hrs.
	<hr/> 20 hrs.		<hr/> 20 hrs.

**Second Year.**

English (B) .....	4 hrs.	English (B) continued....	4 hrs.
Mathematics (B), Algebra. ....	4 hrs.	Mathematics (B), Algebra and Plane Geometry.....	4 hrs.
Latin (B), Grammar Re- viewed—Cæsar .....	4 hrs.	Latin (B) continued— Cæsar .....	4 hrs.
Civics and Virginia His- tory .....	3 hrs.	Civics and Virginia His- tory .....	3 hrs.
Manual Arts (B) .....	2 hrs.	Manual Arts (B) .....	2 hrs.
Sanitation .....	2 hrs.	Botany .....	2 hrs.
	<hr/>		<hr/>
	19 hrs.		19 hrs.

**Third Year.**

English (C) .....	4 hrs.	English (C) .....	4 hrs.
Mathematics (C) Plane Geometry .....	3 hrs.	Mathematics (C) Plane Geometry .....	3 hrs.
Latin (C) Cicero.....	4 hrs.	Latin (C) Cicero.....	4 hrs.
General History (C)....	4 hrs.	General History (C)....	4 hrs.
Education (C).....	3 hrs.	Education (C).....	3 hrs.
Music .....	2 hrs.	Music .....	2 hrs.
	<hr/>		<hr/>
	20 hrs.		20 hrs.

Physical Culture—Four Periods per week from Nov. 1st to April 1st.

**Fourth Year—First Collegiate Year.****First Term.**

Psychology I. ....	3 hrs.
English V. ....	3 hrs.
Latin I. (Virgil).....	3 hrs.
History I. ....	3 hrs.
Mathematics I. (Trig- onometry) .....	3 hrs.
	<hr/>
	15 hrs.

Physical Culture—Four hours a week from Nov. 1st to April 1st.

**Second Term.**

Psychology II. ....	3 hrs.
English XII.....	2 hrs.
Latin II. (Virgil).....	3 hrs.
History V. ....	3 hrs.
Mathematics III. (Solid Geometry) .....	2 hrs.
Drawing II. (Blackboard Sketching) .....	2 hrs.
	<hr/>
	15 hrs.

**Electives—Not more than  
three hours may be elected.**

English .....	2 hrs.
German I. ....	3 hrs.
French I. ....	3 hrs.
Mathematics II. ....	1 hr.

**Electives—Not more than  
three hours may be elected.**

English .....	2 hrs.
German II. ....	3 hrs.
French II. ....	3 hrs.
Mathematics II. ....	1 hr.

## Fifth Year—Second Collegiate Year.

Education III. ....	3 hrs.	Education IV. ....	3 hrs.
English I. ....	2 hrs.	English IV. ....	2 hrs.
Zoology I. (Physiology)..	5 hrs.	History II. ....	3 hrs.
Physics I. ....	5 hrs.	Physics II. ....	5 hrs.
	<u>15 hrs.</u>		<u>13 hrs.</u>

Education V.—Practice Teaching—is required of all students in this year.

Electives—Not more than three hours may be elected.		Electives—Not more than five hours may be elected.	
English .....	2 hrs.	English .....	2 hrs.
Latin III. ....	3 hrs.	Latin IV. ....	3 hrs.
German I. or III. ....	3 hrs.	German II. or IV. ....	3 hrs.
French I. or III. ....	3 hrs.	French II. or IV. ....	3 hrs.
Public Speaking.....	3 hrs.	Public Speaking .....	3 hrs.
Mathematics IV. ....	3 hrs.	History IV. ....	2 hrs.
Political Science I. ....	2 hrs.	Economics .....	2 hrs.

## SCIENCE COURSE.

The first two years of the Science Course are the same as the first two years of the Language and History Course. Those who are candidates for the Science Diploma will be permitted in the third year to drop Latin, if desired, and take Elementary Chemistry in the first term and Agriculture in the second term. They are also required to elect one of the optional subjects given below.

## Third Year.

English (C) .....	4 hrs.	English (C) .....	4 hrs.
Mathematics Plane Ge-		Mathematics (Plane Ge-	
ometry (C) .....	3 hrs.	ometry) (C) .....	3 hrs.
General History (C).....	4 hrs.	General History (C).....	4 hrs.
Education (C).....	3 hrs.	Education (C) .....	3 hrs.
Chemistry (C).....	3 hrs.	Agriculture (C) .....	3 hrs.
Music .....	2 hrs.	Music .....	2 hrs.
Choose one Course be-		Choose one Course be-	
low .....	2 or 3 hrs.	low .....	2 or 3 hrs.
	<u>21 or 22 hrs.</u>		<u>21 or 22 hrs.</u>

Physical Culture—Four hours a week from Nov. 1st to April 1st.

## Electives.

Drawing (C) (Mechanical Drawing) .....	2 hrs.	Drawing (C) (Blackboard Drawing) .....	2 hrs.
Woodworking (C).....	2 hrs.	Woodworking (C).....	2 hrs.
French (C).....	3 hrs.	French (C).....	3 hrs.
German (C).....	3 hrs.	German (C).....	3 hrs.

## Fourth Year—First Collegiate Year.

## First Term.

Psychology I. ....	3 hrs.
English V. ....	3 hrs.
Mathematics I. (Trig- onometry) .....	3 hrs.
Chemistry I. ....	5 hrs.
	<hr/>
	14 hrs.

## Second Term.

Psychology II. ....	3 hrs.
English XII. ....	2 hrs.
Mathematics III. (Solid Geometry) .....	2 hrs.
Chemistry II. ....	5 hrs.
Drawing II. (Blackboard Sketching) .....	2 hrs.
	<hr/>
	14 hrs.

Physical Culture—Four hours a week from Nov. 1st to April 1st.

Electives—Not more than four hours may be elected. The Student must elect one hour.

English .....	2 hrs.
German I. ....	3 hrs.
French I. ....	3 hrs.
History I. ....	3 hrs.
Drawing I. ....	2 hrs.
Mathematics II. ....	1 hr.
Manual Arts I.....	2 hrs.

Electives—Not more than four hours may be elected. The student must elect one hour.

English .....	2 hrs.
German II. ....	3 hrs.
French II. ....	3 hrs.
History V. or II. ....	3 hrs.
Mathematics II. ....	1 hr.
Manual Arts II. ....	2 hrs.

## Fifth Year—Second Collegiate Year.

Education III. ....	3 hrs.	Education IV. ....	3 hrs.
Psysics I. ....	5 hrs.	Physics II. ....	5 hrs.
Zoology I. (Physiology)..	5 hrs.	Botany I. ....	5 hrs.
	<hr/>		<hr/>
	13 hrs.		13 hrs.

Education V.—Practice Teaching—is required of all students in this year.



**Electives—Not more than  
five hours may be elected.**

English .....	2 hrs.
Mathematics IV. ....	3 hrs.
German I. or III. ....	3 hrs.
French I. or III. ....	3 hrs.
Chemistry III. ....	3 hrs.
History .....	3 hrs.

**Electives—Not more than  
five hours may be elected.**

English .....	2 hrs.
Zoology II. ....	5 hrs.
Chemistry IV. ....	3 hrs.
French II. or IV. ....	3 hrs.
German II. or IV. ....	3 hrs.
History V. or II. ....	3 hrs.

**TWO YEAR NORMAL COURSE FOR GRADUATES  
OF HIGH SCHOOLS.**

Since a considerable part of the Normal Academy course consists of professional work specifically for teachers, which the student does not obtain in the public high school, it has been found desirable to have those students who enter from the high schools follow a somewhat different curriculum from that required for graduates of the Normal Academy. Thus students from high school who enter with twelve units or more, although without special preparation in Education, Drawing and Manual Arts are enabled to complete the work for the Teachers' Diploma in two years. Those who enter on State Scholarships and present twelve units for entrance will take either the Language and History Course or the Science Course as outlined below.

**LANGUAGE AND HISTORY COURSE.****First Collegiate Year.****Fall Term.**

Education I. ....	3 hrs.
Psychology I. ....	3 hrs.
English V. ....	3 hrs.
Virgil or Cicero* ....	3 hrs.
Mathematics I. (Trig- onometry) .....	3 hrs.

15 hrs.

**Spring Term.**

Education II. ....	3 hrs.
Psychology II. ....	3 hrs.
English XII. ....	2 hrs.
Virgil or Cicero* ....	3 hrs.
History V. ....	3 hrs.
Mathematics III. (Solid Geometry) .....	2 hrs.

16 hrs.

Electives same as in preceding course.

Physical Culture is required four hours a week, Nov. 1st to April 1st.

\* Those who do not present three years of Latin for entrance will read Cicero instead of Virgil. This class will be taught by the head of the Department of Latin and is open only to those who enter with twelve units. It will be accepted for credit toward the Teacher's Diploma, but will not be accepted for credit toward the bachelor's degree.

## Second Collegiate Year.

Education III. ....	3 hrs.	Education IV. ....	3 hrs.
English I. ....	2 hrs.	English IV. ....	2 hrs.
Zoology I. (Physiology)..	5 hrs.	History II. ....	3 hrs.
History I. ....	3 hrs.	Drawing II. (Blackboard	
Drawing and Manual Arts	2 hrs.	Sketching) ....	2 hrs.
		Woodworking ....	2 hrs.
	<hr/>		<hr/>
	15 hrs.		12 hrs.

Education V.—Practice Teaching—is required of all students in this year.

Electives same as in preceding course. Physics I. and II. without laboratory may be elected.

## SCIENCE COURSE.

## First Collegiate Year.

Fall Term.		Spring Term.	
Education I. ....	3 hrs.	Education II. ....	3 hrs.
Psychology I. ....	3 hrs.	Psychology II. ....	3 hrs.
English V. ....	3 hrs.	English XII. ....	2 hrs.
Mathematics I. (Trig-		Mathematics III. (Solid	
onometry) ....	3 hrs.	Geometry) ....	2 hrs.
Chemistry I. ....	5 hrs.	Chemistry II. ....	5 hrs.
		Drawing II. (Blackboard	
		Sketching) ....	2 hrs.
	<hr/>		<hr/>
	17 hrs.		17 hrs.

Physical Culture—Four hours a week from Nov. 1st to April 1st.

## Second Collegiate Year.

Education III. ....	3 hrs.	Education IV. ....	3 hrs.
Physics I. ....	5 hrs.	Physics II. ....	5 hrs.
Zoology I. (Physiology)..	5 hrs.	Botany I. ....	5 hrs.
Drawing and Manual Arts	2 hrs.	Wood work.....	2 hrs.
	<hr/>		<hr/>
	15 hrs.		15 hrs.

Education V.—Practice Teaching—is required of all students in this year.

The same elective courses are open to Students who pursue these courses as are open to graduates of the Normal Academy.

## **Description in Detail of the Teachers' Courses**

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For description of First Three Years—See Normal Academy page 108.

### **Fourth and Fifth Years.**

The fourth and fifth years of the work in the Teachers' Courses are made up from the following courses in the various departments of the college, the order in which they are given being found in the schedule of courses on pages — —. These courses have credit value toward the Bachelor of Arts or Bachelor of Science degree.

### **English.**

*Course V.*—Rhetoric; the sentence; the paragraph; description; narration; exposition; argumentation. Frequent themes and praxis work. (*Required in all diplomas and degrees*). Three hours a week; first term; 3 credits.

*Course XII.*—Advanced grammar; comparative study of best text-books. Disputed points in syntax. (*Required of all State Students*). Two hours a week; second term; 2 credits.

*Course I.*—The study of words; words and their ways in English speech; slang; fashions in language; popular etymology; other phenomena of language. Two hours a week; first term, 2 credits.

*Course IV.*—Analytical study of a play of Shakespeare; parallel reading in Shakespeare and other Elizabethan dramatists. Essays based upon the work in class. Two hours a week; second term; 2 credits.

### **Latin.**

*Latin I and II.*—Virgil. Six books of Virgil's Aeneid. Parallel reading. Latin versification as shown in the hexameter meter. Grammar work and selected exercises in prose composition. Required in the Language and History Course. Three hours a week; both terms; 6 credits.

*Latin III.*—Books XXI. and XXII. of Livy. Parallel reading. Grammar work and prose composition based upon the text read. Elective in the Language and History Course. Three hours a week; first term; 3 credits.

*Latin IV.*—The Odes and Epodes of Horace. Parallel reading. Latin versification as shown in the Horatian meters. Grammar work and selected exercises in prose composition. Elective in the Language and History Course. Three hours a week; second term; 3 credits.

### Mathematics.

*Course I.*—*Plane Trigonometry.*—Required in the Language and History Course and in the Science Course. Three hours a week; first term; 3 credits.

*Course III.*—*Solid Geometry.*—Required in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits.

*Course IV.*—*Plane Analytic Geometry.*—Elective in Language and History Course and in Science Course. Three hours a week; first term; 3 credits.

*Course VI.*—*Spherical Trigonometry.*—Elective in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits.

### Zoology.

*Course I.*—*Elementary Human Physiology.*—The fundamentals of human physiology, with the anatomy and histology necessary to a clear understanding of the physiological processes discussed. A knowledge of high school physiology is presupposed. Required in the Language and History Course and in the Science Course. Lectures 3 hours; laboratory 4 hours; first term; 5 credits.

*Course II.*—*Elementary Zoology.*—A general course in Zoology covering the great groups of the animal kingdom as thoroughly as time will permit. Elective in the Science Course; lectures three hours; laboratory four hours a week; second term; 5 credits.

### Botany.

*Course I.—Elementary Botany.*—A morphological study of the four great plant groups along with the basic principles of plant physiology and ecology. Elective in the Language and History Course; required in the Science course; lectures three hours; laboratory four hours a week; second term; 5 credits.

### Chemistry.

*Course I.—General Inorganic Chemistry.*—Descriptive and experimental lectures, recitations and problems; laboratory work. Required in the Science Course. Lectures three hours; laboratory four hours a week; first term; 5 credits.

*Course II.*—A continuation of Course I. with the addition of a brief introduction to Organic Chemistry. Required in the Science Course. Lectures three hours; laboratory four hours per week; second term; 5 credits.

An additional year of Chemistry may be elected in the Science Course.

### Drawing and Manual Arts.

*Course I.—Mechanical Drawing.*—This course serves as an introduction to the subject. It is devoted chiefly to the principles and practice of the working drawing, and prepares for work in the elementary school. Required in the Science Course. Two hours a week; first term; 2 credits (toward the B. S. degree).

*Course II.—Blackboard Work.*—Rapid blackboard sketching; use of the blackboard in teaching. Type characteristics emphasized in drawing from nature, flowers, still life, animals and figures. Mediums, chalk, charcoal, and crayon. Required in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits (toward B. S. degree).

*Course III.—Mechanical Drawing.*—An advanced course, involving analytical drawing and practice drafting, considered with

reference to the needs of the high school. Elective in the Science Course. Two hours a week; first term; 2 credits (toward the B. S. degree).

*Manual Arts I. and II.—Woodworking.*—For elementary and secondary schools; shop work; study of materials and methods of instruction. This course aims primarily at a training in the technical processes of woodworking as a basis for instruction in the elementary and secondary schools. An analysis of the action of cutting tools is made and the introduction of tools in class use discussed. Methods of Manual Training instruction are studied at length, and the presentation of typical projects suitable for the upper grades is considered in detail. Required in the Two Year Normal Course. Two laboratory periods a week, both terms; 4 credits (toward a B. S. degree).

### History.

*History I.*—History of Greece and Rome with text-book and lectures. Parallel reading. Assigned work in the library. Required in Language and History Course. Three hours a week; first term; 3 credits.

*History II.*—History of Western Europe; Middle Ages and Development of Modern Europe. Text-book, lectures, and parallel reading. Special topics for investigation. Required in the Language and History Course. Three hours a week; second term; 3 credits.

*History V.*—American History. An outline course in the study of the founding development and growth of the United States. Methods in the teaching of history studied. Text-book, lectures and parallel reading. Special reading in the library and investigations of individual subjects will be assigned. Required in the Language and History Course. Three hours a week; second term; 3 credits.

### Physics.

*Physics I. and II.*—These two courses constitute a year's work in general physics. No previous study of physics is required for admission to Course I., but the student should have



an elementary knowledge of plane trigonometry. High School physics will in no case be accepted as a substitute for this year's work. The class uses a text and much emphasis is laid on the solution of practical problems.

In these courses the needs of public school teachers are kept constantly in mind. Especially in the laboratory work the effort is made, not only to train the student in habits of scientific observation, but also to help him meet some of the difficulties of inadequate laboratory equipment by which the teacher is so often handicapped. Lectures 3 hours a week, and two laboratory periods of two hours each; both terms, 5 credits each term.

### EDUCATION. ....

PROFESSOR BENNETT.

ADJUNCT PROFESSOR FERGUSON.

MISS DAVIS.

*Course I.—Elements of Management and Method.*—A practical introductory course treating of the organization and management of schools, their relation to community life, methods of the recitation and of training pupils to study. Observations at Model School. Three hours a week; first term; 3 credits. Required of all State students who do not offer Education C (Academy) for entrance. (Professor Bennett.)

*Course II.—Continuation of Course I.*—Required with Course I. of all State students who do not offer Education C (see Normal Academy) for entrance. Three hours a week; second term; 3 credits. (Professor Bennett.)

*Course III.—Principles of Education.*—Based on Psychology I. and II., which is prerequisite and applied in the study of general and special methods. Lectures, texts and practical demonstrations. Three hours a week; first term; 3 credits. Required of all State students. (Professor Bennett.)

*Course IV.—School Systems.*—A brief survey of the more important ancient and modern national school systems, culminating in a study of the Virginia laws and system. Collateral readings and reports on great educational reformers. (A portion of this term will be devoted to a continuation of Course III.) Three hours a week; second term; 3 credits. Required of all State Students. (Professor Bennett.)

*Course V.—Practice Teaching.*—Preparation of lesson plans and teaching classes in the Practice School. One hour a day for ten weeks, at times in both terms to be arranged with individual students. Longer time will be required of students whose practice work is unsatisfactory. Required of all State Students holding scholarships. 3 credits. (Miss Davis).

### Psychology.

*Psychology I. and II.*—General elementary psychology, with class and individual experiments, with closely related observation visits to the Practice School and studies of practical application of Psychological principles in teaching. Required in both Language and History and Science Course. Three hours a week both terms; 3 credits per term, or 6 credits. (Professor Ferguson.)

Other professional courses that are offered for teachers are Courses III. and IV. in Philosophy, and Courses VI. VII. VIII. IX. X. XI. and XIII. in Education. A full account of these will be found on pages 59-63.

## Observation and Practice School.

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HENRY EASTMAN BENNETT,  
*Supervisor.*

NANNIE CARRINGTON DAVIS,  
*Principal.*

LAURA MOOR STILLWELL,  
MARY HENLEY SPENCER,  
MARGARET ELLEN BARNES,  
GRACE ISABEL BEALE,  
*Assistants.*

The Observation and Practice School consists of the first four grades of a grammar school, correlated with the public school of Williamsburg. It affords to the student-teachers the best practicable model of organization and instruction in a school of this class. Throughout the Teachers' Courses the students are kept in close touch with the working out of educational problems at the school, and formal reports are required during the third and fourth years of these courses. Practice teaching, under careful supervision, is required in the fifth year of the Teachers' Courses.

The buildings occupied by these schools are on separate grounds from those of the college campus, the Training School being upon the site of the colonial governor's palace, surrounded by attractive grounds for the children to play in.

Number of pupils in the Observation and Practice School,  
106.

## PART IV.

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DEPARTMENT OF  
ATHLETICS AND PHYSICAL TRAINING  
COLLEGE SOCIETIES AND PUBLICATIONS  
RELIGIOUS WORK  
THE ALUMNI ASSOCIATION

## Department of Athletics and Physical Training

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WILLIAM J. YOUNG, M. D.,

*Director of Athletics and Physical Training.*

All forms of athletics at the college are under the direct supervision of the athletic director, who is also the college physician. He has charge of the gymnasium work and *all applicants for a teacher's diploma are required to take a course in physical training.* He also coaches the football, baseball, basketball and track teams, and accompanies the teams on all trips away from the college.

By this arrangement the college aims not only to foster and encourage athletics by providing a coach of wide athletic experience, but also to safeguard the health and morals of the students by placing them under the instruction and care of a competent physician and responsible official of the college. Systematic physical training according to sound hygienic principles is offered to all, and a general participation in outdoor athletics is encouraged. However, students are permitted to remain on the athletic teams only so long as athletics do not interfere with the pursuit of their studies.

### Athletic Regulations.

The general management of the Athletics of the college is in the hands of an Athletic Council, on which there are representatives of both the Faculty and the student-body. This council is elected, under certain restrictions, by the popular vote of the Athletic Association of the college. The council is, therefore, able to serve as an intermediary committee between the Faculty, the students, and the athletic teams. The Faculty, however, through its committee on student activities is further able to keep a general oversight over athletic tendencies and the individual class standing of those participating in athletic activities.

The forms of athletics in which the college participates are football, baseball, basket-ball, track and tennis.

The following rules apply to all athletic teams of the college:

1. The Committee of the Faculty on Athletics is entrusted with the general oversight of all athletics, and is authorized to forbid any features in these exercises which endanger the health or morals of the participants.

2. No one shall play in any intercollegiate contest who is not, at the time of such contest, a regular matriculated student in good standing.

3. No student will be permitted to play upon any college team except after physical examination by the Director of Athletics and Physical Training.

4. Leave of absence for the purpose of playing intercollegiate match games may be allowed to the college teams, such leaves not to exceed five days in the session in the case of any team.

5. Only students who act as regular or substitute members of the athletic teams will be permitted to accompany them on trips away from the college.

6. Special monthly reports shall be made to the Faculty with respect to the class standing and progress in study of each player on the athletic teams during the seasons, whether such player be a regular or substitute member of any team.

7. Any member of an athletic team who is reported for neglect of his studies or for non-attendance on lectures, will be required by the Faculty to sever his connection with such team.

8. The athletic teams shall not have contests elsewhere than in Williamsburg with any except teams from other institutions of learning.

9. Members of teams, and all students visiting out of town except when in the company and under control of parents and guardians, are subject to the rules of the college.



## College Societies and Publications.

### PHI BETA KAPPA SOCIETY.

#### ALPHA OF VIRGINIA.

This Society, the first Greek Letter Fraternity in the United States, was formed at William and Mary, December 5, 1776. It admits to membership only graduates of the college and persons other than graduates distinguished in letters, science or education.

*President*.....ROBERT MORTON HUGHES.

*Vice-President*.....JOHN LESSLIE HALL.

*Secretary*.....WALTER ALEXANDER MONTGOMERY.

*Treasurer*.....VAN FRANKLIN GARRETT.

### LITERARY SOCIETIES.

There are two Literary Societies of long standing, the Philomathean and the Phoenix. They meet weekly in their halls for the purpose of cultivating debate, composition and declamation. They have their annual final celebrations during the week of Commencement.

#### PHOENIX SOCIETY.

*Final President*.....WILLIAM HANSEN DEIERHOL.

*Secretary*.....JAMES FOSTER BARNES.

*Debaters*.....{ CHARLES HENRY SMITH.

{ WILLIAM MORGAN GRIMSLEY.

*Orators*.....{ DOUGLAS MERIWETHER GRIGGS.

{ SAM HILDRETH HUBBARD.

#### PHILOMATHEAN SOCIETY.

*Final President*.....EARL BALDWIN THOMAS.

*Secretary*.....HERMAN LEE HARRIS.

*Debaters*.....{ PERCY LEWIS WITCHLEY,

{ WILLIAM MORTIMER HARRISON.

*Orators*.....{ ARTHUR WILSON JAMES.

{ HARRY LEE CARTER.

## Students' Publications.

*The William and Mary Literary Magazine* is published monthly by the two literary societies.

*Editor-in-Chief*,.....EARL BALDWIN THOMAS.

*Business Manager*,.....ROBERT BRUCE JACKSON.

*The Colonial Echo* is published annually by the students of the college. This handsome and artistic volume is a valuable souvenir of the college and of the year's life on the campus.

*Editor-in-Chief*,.....ALAN FRED ENGLISH.

*Business Manager*,.....WILLIAM HAYNEY NEBLETT.

*The Flat Hat* is a four-page weekly paper published by the students of the college, and is an interesting chronicle of student life and daily affairs of the college.

*Editor-in-Chief*,.....WILLIAM KAVANAUGH DOTY.

*Business Manager*,.....HERBERT WENTWORTH VADEN.

## THE BULLETIN.

*The Bulletin* of the College of William and Mary is issued quarterly, or so many times as need may require. The purpose of *The Bulletin* is to set forth the activities, needs or purposes of the college to its alumni, friends, and the general public. The annual catalogue is one of the regular numbers of *The Bulletin*. Copies will be sent free on request.

## Religious Work.

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### THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Young Men's Christian Association of the college has for a long time done a noble work in standing for a high spiritual life among its members, and in working throughout the college for the cause of Christianity. It holds its regular devotional meeting every Tuesday night in the Association Hall, which is in the Gymnasium Building. These meetings are addressed by the ministers of the town, by members of the Faculty, by student members of the Association or by visiting speakers. Once each year the Association holds a week of prayer service, which is usually led by an especially invited minister.

The Association does an excellent work in making smooth the way for new students. It publishes a handbook of information for their benefit, and, during the first week of college exercises, it holds a reception for the purpose of having the new students meet socially the other students and the members of the Faculty.

Towards the close of the session a final sermon is preached in the college chapel before the members of the Association.

A most important feature of the Association's work is the series of classes for the study of the English Bible, which are given under its direction. Courses are open to all students in The Life of Christ, The Acts and Epistles, Old Testament Characters, The Teaching of Jesus and His Apostles, and The Social and Political Teaching of Jesus.

The Association has the use of special shelves in the college library, which are furnished with carefully selected religious periodicals and books.

The Visitors and Faculty are in hearty sympathy with the work of the Young Men's Christian Association, and would urge upon parents and guardians that they encourage students to join the Association as soon as they enter the college.

**CHAPEL SERVICES.**

Regular religious exercises are conducted in the college chapel. The services are conducted by the ministers of the town, who graciously act as the chaplains of the college, or by members of the Faculty, or by representatives of the Young Men's Christian Association.

The college is not under the control of any religious body, but the discipline is administered with the view to confirm integrity and maintain a sacred regard for truth; and every effort is made to make the life of the college open to the best religious influence.

## The Alumni Association.

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### OFFICERS OF THE ASSOCIATION.

(To serve until June 23, 1912)

*President*..... OSCAR LANE SHEWMAKE.

*Vice-President*..... JACKSON DAVIS.

*Second Vice-President*..... JOE V. BIDGOOD.

*Third Vice-President*..... PERCY LASH.

*Secretary and Treasurer*... H. DENISON COLE.

#### *Executive Committee.*

#### THE FOREGOING OFFICERS AND

DR. JAS. S. WILSON,

HERBERT L. BRIDGES,

CASSIUS M. CHICHESTER.

By rules of the Alumni Association, all persons in good standing who have been students (graduates or otherwise) or professors of the College of William and Mary, wherever their actual residence, may be members of this Association when they shall have signed the constitution, stating their respective addresses, and paid their initiation fee. The society may also elect honorary members. The annual dues shall be one dollar, payable in advance to the Secretary on the day of the annual meeting.

PART V.

THE NORMAL ACADEMY



## The Normal Academy.

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### OFFICERS OF INSTRUCTION AND ADMINISTRATION.

LYON GARDNER TYLER, M. A., LL. D.,  
President of the College.

HERBERT L. BRIDGES, A. B.,  
Registrar of the College.

LEVIN WINDER LANE, JR.,  
Treasurer of the College.

GEORGE OSCAR FERGUSON, JR., M. A.,  
Principal of the Academy.

ROSCOE CONKLING YOUNG, A. B., B. S., A. M.,  
Latin, History, French.

WILLIAM ASHBY BLOXTON, A. B.,  
English, German, Civics.

RICHARD McLEOD CRAWFORD, A. M.,  
Drawing and Manual Arts.

JOHN TYLER, A. M.,  
Mathematics.

AMOS RALPH KOONTZ, A. B., B. S., A. M.,  
Sanitation and Botany.

CHARLES CHAPMAN SNOW,  
Chemistry and Agriculture.

## Academy Students by Classes.

This list is repeated from the general roll.

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### Class C.

Bane, Edward  
Barnes, James Foster  
Batten, Gilmer Randolph  
Booth, George Wythe  
Bright, Norman Paul  
Brown Virginius  
Bunting, John  
Burch, Robert Eugene  
Campbell, Hugh Alexander  
Faran, Ross  
Frey, Oliver Walter  
Garth, Bernard Allen  
Gilliam, Maxie Parker  
Givens, Emmett Edmonson  
Lackey, Harry Howard

Lupton, Thomas Allen  
Maffette, Raymond  
Mayer, Charles Leonard  
Sawyer, Walter Lee  
Scott, Charles Alexander  
Scott, Stuart Donald  
Shiers, Winfield  
Spencer, Dangerfield Blair  
Stone, Webster Thompson  
Wailles, Henry Caperton  
Walton, Francis  
Whitehead, Winton Major  
Williams, Harvey Page  
Wood, Basil Manly

### Class B.

Addison, Edward  
Agee, James Lawrence  
Carmines, Daniel Henry  
Brinkley, Henry William  
Clary, Hugh Valentine  
Clary, Roane Alexander  
Crockett, Cecil Clinton  
Ellis, Gardiner Tyler  
Givens, Lester Ross  
Graves, Cecil Conrad  
Greenawalt, Cyrus Markle  
Grimsley, William Morgan  
Ingle, John Preston  
Jenkins, Floyd Franklin

Lewis, Malachi Reuben  
Lloyd, McPayne  
Lowenback, Maurice Roller  
Martin, Talmage  
Newton, Robert Murphy  
Powers, Harry Whitfield  
Prillaman Henry Andrew  
Ramey, William Barlow  
Roberts, Lionel Wynne  
Soles, Vernon Coles  
Spence, Sidney Raleigh  
Walton, Leon Jerl  
Zehmer, George Baskerville

### Class A.

Booth, Roy Piruus  
Brown, Harry McChesney  
Clothier, Archie

Elcan, Paul Barringer  
Fisher, Howard Henry  
Hathaway, Clarence

Hynson, John  
Jackson, Douglas Cary  
Jones, James Early  
Lester, Walter Calahill  
Lohr, Durward Preston  
Maddox, Arthur Lee  
Martin, William Earl  
Moore, Robert William

Newman, G. A.  
Patteson, James Monroe  
Phlegar, Robert Judson  
Powers, Willie Andrew  
Savage, Leonard  
West, Willie Clyde  
Wilson, Paul Arlington

## ORGANIZATION.

Beginning with the session of 1911-'12, the Subcollegiate Courses formerly operated in connection with the Teachers' Courses under the direction of the several departments, were discontinued and a Normal Academy organized, with a special corps of instructors, to take over all classes below college grade. William and Mary accordingly maintains a Normal Academy and a Training School in addition to the College.

The Academy offers a three year course, correlated with the Teachers' Courses of the College and supported for the benefit of students who are preparing to teach and of those who are not within distance of a complete four-year high school.

The aim of the Academy is to fit students for entering the College by giving twelve full units toward entrance in academic subjects, supplemented by courses in Education, Manual Arts, and Drawing; and to teach the high school subjects from a normal viewpoint in order to train teachers for the public schools.

As the purpose of the Academy is to help develop the school system of Virginia, rather than to compete with the high schools, pupils other than those who desire to make teaching a profession, will only be admitted under certain restrictions. (See Entrance Requirements.)

The Academy has its separate corps of instructors; except that in the Sciences, Manual Arts, Drawing and Mathematics, the classes are conducted by the departmental assistants. Special attention will be given, with the aid of the professors in the departments, to the classes in Education, Manual Arts and Drawing. The Principal and two experienced assistants will be in general supervisory charge of the class work of the pupils.

Students of the Academy will, as far as possible, have assigned to them dormitories and class rooms distinct from those in use by the College. The general buildings and campus are, however, in common use, as are also the literary society halls, the library, laboratories, and athletic grounds. While, as far as possible, the Academy will be made distinct in organization and life from the

College, yet in grounds, buildings, and equipment, the same advantages will be offered to both.

The President and Faculty of the College have general control of the Normal Academy, but the ordinary administration of the Academy is committed to the Principal and a Faculty Committee.

### ADMISSION AND DISCIPLINE.

The candidates for admission to this school shall belong to one of the following classes:

1. Students intending to be teachers in the public schools. All such candidates must be recommended by the county superintendents, and be willing to take a pledge to teach two years in the public schools after leaving College.
2. All young men who have been teachers in the public schools not less than one term, or who have been formerly enrolled as students in the subcollegiate classes.
3. All young men over public school age (20 years).
4. All young men who have completed the highest grade of instruction accessible to them in an accredited high school at the place of their residence.

But no student shall be admitted into this school who is not fifteen years of age, or who fails to give evidence by certificate or examination of the completion of the work of the seventh grade of a public school or its equivalent.

All students, unless excused, shall observe such regular hours of study as well as class attendance as may be outlined by the Principal at the opening of the session. In addition to the general rules of the College as set forth in the catalogue, there shall be observed by the pupils in the Academy such rules as may from time to time be specified.

Students registered in the Academy will not be permitted to join any of the College fraternities or clubs; nor will they be

permitted to represent the College in intercollegiate literary or athletic contests. Organizations of their own will be encouraged and fostered; but the organization of fraternities in the Academy will not be permitted.

### EXPENSES AND STATE SCHOLARSHIPS.

The expenses of fees, board, room, etc., will be found listed on pages 44-45. Conditions of obtaining and holding State scholarships, representing about one-fourth of the necessary cost will be found on pages 75-76. They are alike for College and Academy students.

### COURSES OF STUDY.

The three years' work outlined below constitutes the first three years of the five-year Normal Course leading to the Teacher's Diploma. The last two years are of collegiate grade and will be found on pages 78-81.

These courses are maintained primarily for those who are preparing to teach. No student who fails to maintain a high standard of character and scholarship will be retained in these courses. Students will be required to take the outlined work of the Teachers' Courses.

### LANGUAGE AND HISTORY COURSE.

#### FIRST YEAR.

First Term.		Second Term.	
	Per Week.		Per Week.
English (A) .....	5 hrs.	English (A) continued....	5 hrs.
Mathematics (A), Arithmetic and Algebra .....	5 hrs.	Mathematics (A), Arithmetic and Algebra .....	5 hrs.
Latin (A), (Beginning)...	5 hrs.	Latin (A) continued.....	5 hrs.
Physical Geography.....	3 hrs.	Physical Geography, continued .....	3 hrs.
Drawing (A) .....	2 hrs.	Drawing (A) .....	2 hrs.
	<hr/> 20 hrs.		<hr/> 20 hrs.



## SECOND YEAR.

English (B) .....	4 hrs.	English (B) continued....	4 hrs.
Latin (B), Grammar Reviewed—Cæsar .....	4 hrs.	Mathematics (B), Algebra and Plane Geometry.....	4 hrs.
Civics and Virginia History .....	3 hrs.	Latin (B) continued—Cæsar .....	4 hrs.
Mathematics (B), Algebra..	4 hrs.	Civics and Virginia History	3 hrs.
Sanitation .....	2 hrs.	Botany .....	2 hrs.
Manual Arts (B) .....	2 hrs.	Manual Arts (B) .....	2 hrs.
	<hr/>		<hr/>
	19 hrs.		19 hrs.

## THIRD YEAR.

English (C) .....	4 hrs.	English (C) <b>continued</b> ....	4 hrs.
Mathematics (C) Plane Geometry and Algebra..	3 hrs.	Mathematics (C) continued—Plane Geometry.....	3 hrs.
Latin (C), Cicero.....	4 hrs.	Latin (C) cont'd—Cicero..	4 hrs.
General History (C) .....	4 hrs.	General History (C) continued .....	4 hrs.
Education (C) .....	3 hrs.	Education (C) continued..	3 hrs.
Music .....	2 hrs.	Music .....	2 hrs.
	<hr/>		<hr/>
	20 hrs.		20 hrs.

Physical Culture—Four hours per week from Nov. 1st to April 1st.

## SCIENCE COURSE.

The first and second years of this course are the same as the first first and second years of the Language and History Course. Those who plan to pursue the Science Course leading to the Teachers' Diploma as outlined on page 80-81, are here permitted to drop Latin, and are required to begin elementary Chemistry and Agriculture and to *elect one* of the other courses given below.

## THIRD YEAR.

## First Term.

English (C) .....	4 hrs.
Mathematics (Plane Geo- metry and Algebra).....	3 hrs.
General History (C).....	4 hrs.
Education (C).....	3 hrs.
Chemistry (C) .....	3 hrs.
Music .....	2 hrs.
One Elective.....	2 or 3 hrs.

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 21 or 22 hrs.

## Second Term.

English (C).....	4 hrs.
Mathematics (C) Plane Geometry .....	3 hrs
General History (C).....	4 hrs.
Education (C) .....	3 hrs.
Agriculture (C).....	3 hrs.
Music .....	2 hrs.
One Elective.....	2 or 3 hrs.

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 21 or 22 hrs.

Physical Culture—Two hours a week from Nov. 1st to April 1st.

Electives—Choose one Course.

Drawing (C) (Mechanical Drawing) .....	2 hrs.
French (C) .....	3 hrs.
German (C) .....	3 hrs.
Woodworking (C) .....	2 hrs.

Drawing (C) (Blackboard Drawing) .....	2 hrs.
French (C) .....	3 hrs.
German (C) .....	3 hrs.
Woodworking (C) .....	2 hrs.

## Description in Detail of the Courses.

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FIRST YEAR.—*The same in both courses.*

*Mathematics (A).*—Arithmetic and Algebra; the former in full, the latter to quadratic equations. Five hours a week, both terms.

*English (A).*—The fundamentals of English Grammar, punctuation, sentence structure, weekly compositions, elementary rhetoric, short course in English or American Literature. Reading of current periodical literature. Five hours a week, both terms.

*Latin (A).*—Latin begun; the second book of Cæsar begun in latter part of second term. Five hours a week, both terms.

*Physical Geography*—Studied both for its own content and as a correlation center for a review of political geography, and for individual training in orthography and in the skilful use of library and reference books. Systematic meteorological observations are made, tabulated and graphed, field excursions, laboratory experiments, sand tables, and relief map work. Frequent written exercises. It is the aim of this course to discover individual deficiencies in elementary training of students, and to remedy these in close co-operation with other departments of the college. Three hours a week, both terms.

*Drawing (A).*—Freehand drawing; simple line sketching; drawing from nature, still life, casts and figures; principles of perspective and elementary colors; line composition; designing for simple forms of handicraft; laboratory work. Two hours a week, both terms.

SECOND YEAR.—*The same in both courses.*

*Mathematics (B).*—First term, Algebra; second term, Algebra, through quadratics, progressions, logarithms, binomial theorem; plane geometry begun. Four hours a week, both terms.

*English (B).*—English Grammar continued; weekly compositions; fundamental principles of rhetoric; courses in either English or American Literature. Four hours a week, both terms.

*Latin (B).*—Rapid review of Grammar; Cæsar; prose composition; systematic Grammar study. Four hours a week, both terms.

*Manual Arts (B).*—Hand work for the primary grades in the public schools; basketry, weaving, pottery, and construction in paper, card board, bent iron and wood. Two laboratory periods a week, both terms.

*Civics and Virginia History.*—A study of the political institutions of the State of Virginia and of the Federal Union. Three hours a week; both terms.

*Sanitation.*—Study of the elementary principles of Bacteriology, infectious diseases and preventive methods. Botany—Plant structure, nutrition and reproduction; plant classification. Two hours a week; both terms.

THIRD YEAR.—*Language and History Course.*

*Mathematics (C).*—First term, plane geometry; second term, plane geometry and a review of special topics in Algebra. Three hours a week, both terms.

*English (C).*—An advanced course in English grammar, with discussion of text-books on the public school lists of Virginia; rhetoric; either American or English Literature; course in Shakespeare. Four hours a week, both terms.

*Latin (C).*—Cicero, six orations; prose composition work, based on text read; systematic study of grammar. Four hours a week, both terms.

*History (C).*—General History; outlines of General History; study of Ancient, Mediæval and Modern History. Four hours a week, both terms.

*Education (C).*—A practical introductory course treating of the organization and management of schools, their relation to

community life, methods of the recitation and of training pupils to study. Observations at the Practice School. Three hours a week, both terms.

*Vocal Music*.—Fundamental principles; rote singing. Two hours a week, both terms.

*Physical Culture*.—Exercises in free calisthenics; chest weights; heavy gymnastics; exercises in fancy marching; Indian club swinging; group games.

### Science Course. (Third Year.)

*Science Course* (Third Year).—In this year the student omits Latin and instead takes Chemistry the first term and Agriculture the second term, and elects an additional course from among those given below.

*Chemistry* (C).—An elementary course prerequisite for the course in Agriculture, which follows in the last half of the year. Three hours a week; fall term; required.

*Agriculture* (C).—Agriculture and Plant Physiology; a course covering the general principles of soil fertility and plant nutrition. Experimental work in laboratory and green house. Intended primarily as a preparation for the teaching of Agriculture. Prerequisite, an elementary knowledge of Chemistry. Three hours a week, second term. Required.

*Drawing* (C)—*Mechanical Drawing*.—This course as an introduction to the subject. It is devoted chiefly to the principles and practice of the working drawing, and prepares for work in the elementary school. Two laboratory periods a week; first term.

*Blackboard Drawing*.—Rapid blackboard sketching; use of the blackboard in teaching. Type characteristics emphasized in drawing from nature, flowers, animals, still life, and figures. Mediums, Chalk, charcoal, and crayon. Two hours a week; second term.

*Woodworking (C).*—Study of materials and methods of instruction. This course aims primarily at a training in the technical process of woodworking as a basis for instruction in the elementary and secondary schools. An analysis of the action of cutting tools is made and the introduction of tools in class use discussed. Methods of Manual Training instruction are studied and the presentation of typical projects suitable for the upper grades is considered in detail. Two laboratory periods a week; both terms.

*French (C).*—French begun. Grammar, exercises. Reading, Three hours a week; both terms.

*German (C).*—German begun. Grammar, exercises, readings. Three hours a week, both terms.

#### ENTRANCE THE SECOND TERM.

Students may enter most of the Academy classes at the beginning of the second term. All those who plan to enter at this time should first write to the Principal of the Normal Academy, who will furnish full particulars.







